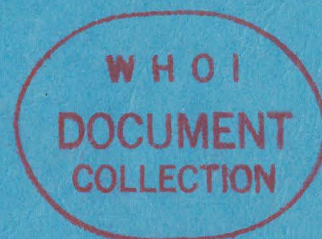
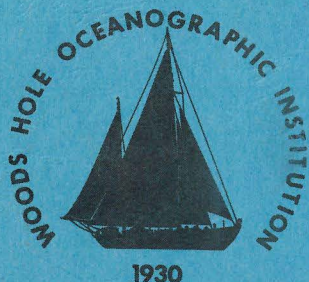


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Woods Hole Oceanographic Institution



ATLANTIS-II (CRUISE 102)
PRELIMINARY CTD DATA
FROM JASIN 1978

by

Nancy Pennington
and
Melbourne G. Briscoe

December 1979

TECHNICAL REPORT

*Prepared for the Office of Naval Research
under Contract N00014-76-C-0197; NR 083-400
and for the National Science Foundation under
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*Approved for public release; distribution
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WOODS HOLE OCEANOGRAPHIC INSTITUTION
Woods Hole, Massachusetts 02543

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Valentine Worthington, Chairman
Department of Physical Oceanography



ABSTRACT

102 profiles of conductivity, temperature, and depth (pressure) (CTD) were taken in the JASIN area northwest of Scotland in July-September 1978. These stations consisted of single and yo-yo profiles. The data set includes 14 stations taken near Anton Dohrn Seamount at 57°30'N, 11°W. Plotted profiles of temperature, salinity, sigma-theta, and buoyancy frequency, and a listing of the data, are included for most stations.

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ACKNOWLEDGEMENTS

We are indebted to the Woods Hole Oceanographic Institution CTD Group for the CTD systems used here, but we especially thank Doug Moore, Eric D'Asaro, and Hank McComas for their efforts on the two cruises which resulted in making these preliminary data available. Others helped on board ship and ashore, and we acknowledge their assistance.

The acquisition and processing of these profiles have been supported by the Office of Naval Research under Contract N00014-76-C-0197, NR 083-400, and by the National Science Foundation under Grant OCE77-25803.

INTRODUCTION

The Joint Air-Sea Interaction Project (JASIN) was a multi-national program initiated in 1966 by the Royal Meteorological Society (U.K.); its major field experiment was in July-September 1978 northwest of Scotland near the Rockall Trough. Some 14 ships, 4 aircraft, 9 countries, and three-score principal investigators participated.

Pollard (1978) gives a summary of the overall JASIN 1978 plans, Briscoe (1979) describes the participation of the R/V Atlantis-II (A-II), Tarbell, et al. (1979) present the current meter and wind recorder data from the Woods Hole moorings, and Briscoe, et al. (1979) discuss the moored and shipborne surface meteorological measurements from the A-II.

A Neil Brown Instrument Systems (NBIS) Conductivity-Temperature-Depth (CTD) profiler was used on the A-II to obtain hydrographic profiles primarily for the purposes of water-mass identification (Are we near a front? Which side?) and calculation of the buoyancy, or Brunt-Väisälä, frequency; the latter quantity is basic to the internal wave observations that were the focus of much of the work of the A-II (c.f., Pollard, 1978; Briscoe, 1979).

This data report presents preliminary plots and listings of the 102 CTD stations made on cruise 102 of the R/V Atlantis-II. All but 14 of the stations were made within 75 km of the intensive mooring array (see below); those 14 were made over Anton Dohrn Seamount during transit to and from the port of Glasgow between legs of the cruise. The stations were calibrated and plotted on the A-II during passage from the JASIN area back to Woods Hole at the end of the cruise. The presentation is preliminary in the sense that the data editing has been minimal and the vertical resolution is coarse; calibrations, however, are complete.

Some of the stations are yo-yo profiles; that is, the CTD entered the water and several (maximum 30) down-and-up profiles were made before the CTD exited the water. Only the first down-trace of each station, yo-yo or normal, is shown here.

Cruise Area and Stations

Figure 1 shows the overall JASIN area, the detail in the Fixed Intensive Array (FIA) where the W.H.O.I. moorings W1, W2, and W3 were

located, and three CTD areas that are expanded in the next three figures.

The R/V Atlantis-II (cruise 102) ship operations were:

Leg 1:	25 July 1978	depart Glasgow
	27 July 1978	arrive JASIN area
	13 August	depart JASIN area
	14-15 August	work at Anton Dohrn Seamount
	16 August	arrive Glasgow
Leg 2:	21 August	depart Glasgow
	22-23 August	work at Anton Dohrn Seamount
	24 August	arrive JASIN area
	7 September	depart JASIN area
	21 September	arrive Woods Hole

Figure 2 (Figure 3) shows the Leg 1 (Leg 2) CTD stations except for the last (first) 7, which were at Anton Dohrn Seamount and are shown in Figure 4. For single stations, the position shown is that at the beginning of the profile; for yo-yo stations, the open circles show the beginning and end positions. All navigation was by Loran-C validated as often as possible by satellite fixes.

Several CTD sections were made, notably stations 14-24 (northwest to southeast) on Leg 1, stations 59-62 plus 74-79 (west to east) on Leg 2, and stations 81-84 plus 67-72 (south to north) also on Leg 2. The purpose of these sections was to examine the large-scale Temperature-Salinity variations; see Figure 5 below.

The fold-out table at the end of this report lists each stations, its time and position at the beginning and end of the profile, the maximum depth reached, number of down-ups if it was a yo-yo station, the number of rosette calibration bottles taken (see below), and any comments as to the purpose of that station.

CTD Instrument

The Neil Brown Instrument Systems (NBIS) conductivity-temperature-depth (i.e., pressure) profiler was used for these data. The basic instrument is described in Brown (1974), its technical details in Brown and

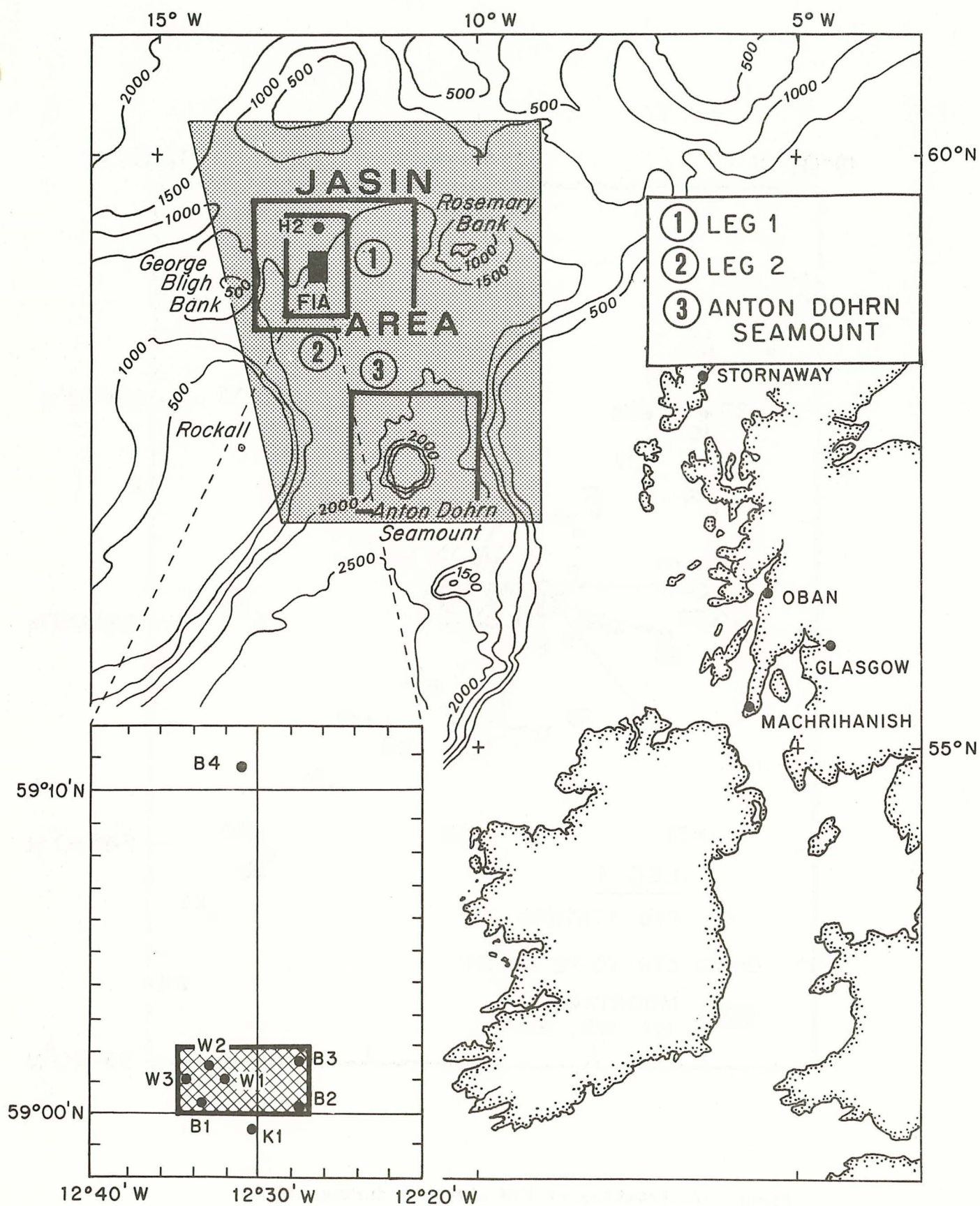


Figure 1: JASIN area with 3 CTD regions displayed.

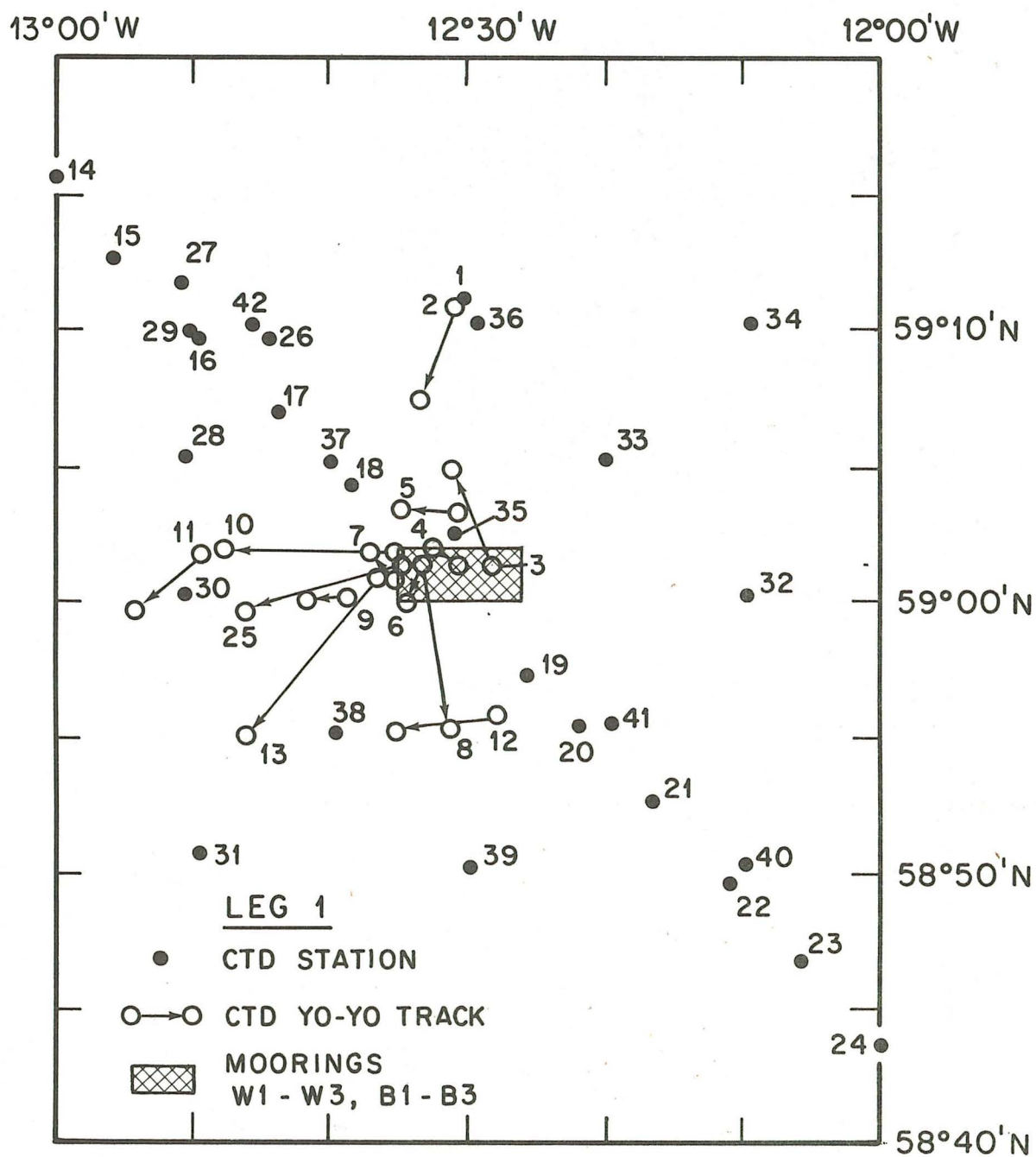


Figure 2: Location of CTD stations during Leg 1.

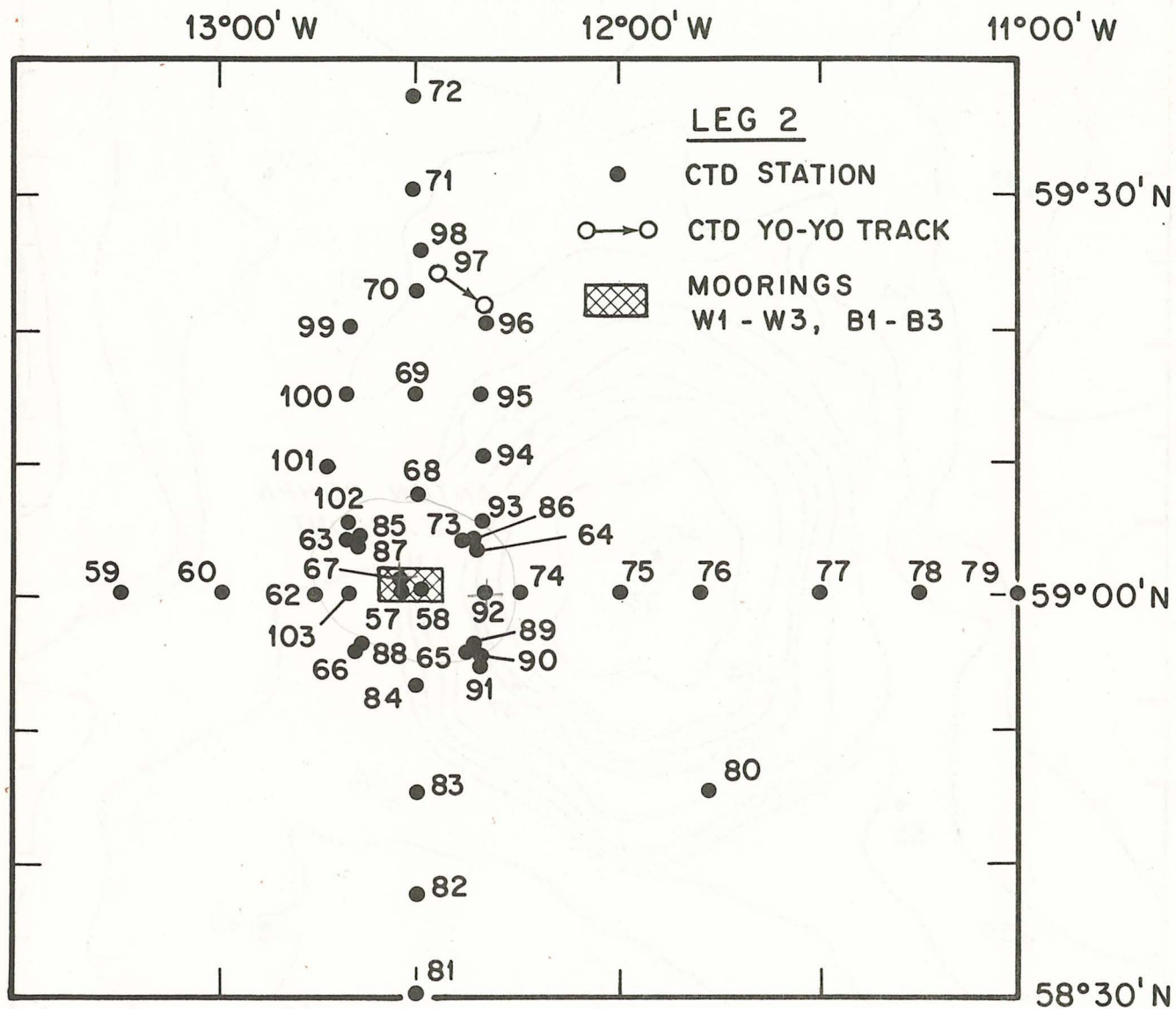


Figure 3: Location of CTD stations during Leg 2.

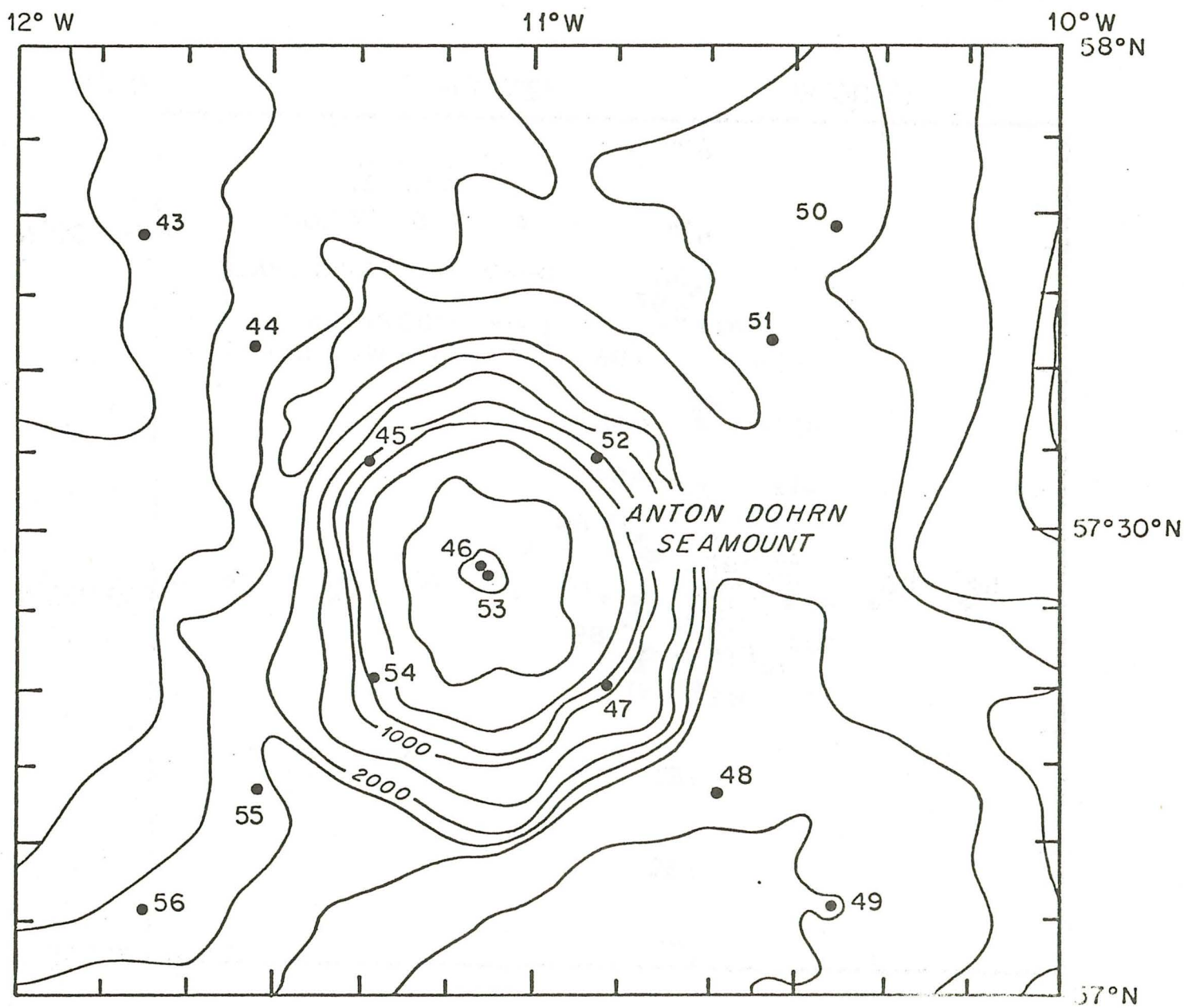


Figure 4: Location of CTD stations at Anton Dohrn Seamount.

Morrison (1978), the newest tape format in Millard, et al. (1978), and the basic data handling and calibration in Fofonoff, et al. (1974).

Operations

Although a few profiles were made to full depth (approximately 1500 m), most went to only 1000-1100 m. A rosette water sampler was fired at operator-selected depths on the up-trace to obtain water samples for salinity calibrations (see below).

The yo-yo stations were usually half-hourly casts (i.e., a down-trace was started every 30 minutes) although 10 and 15 minutes were also tried. On the yo-yo stations, water samples were taken on the last up-trace.

Two different CTD probes were available: serial numbers 001 and 003; only the latter was actually used.

On each station a monitor plot of temperature and salinity versus pressure was generated by the Hewlett-Packard 2100 shipboard computer system; also, a listing of various derived variables at coarse vertical spacing was printed. For these salinity calculations, a nominal conductivity value was used.

During the two-week transit to Woods Hole from the JASIN area, 7-21 September 1978, a display program edited the stations and generated temperature, salinity, sigma-theta, buoyancy frequency versus pressure plots, and a tape with listing of nine logged and derived variables. After the cruise, a Xerox Corporation Sigma 7 computer at Woods Hole Oceanographic Institution was used to decode and output these listings.

Calibration and Data Quality

A rosette sampler was mounted on the CTD with 11 bottles to obtain salinity calibration data. These water samples were analysed using a Guildline "Autosal" Salinometer at sea. The CTD stations were calibrated by changing the conductivity correction ratio for each profile until the CTD values as a group matched the water samples as closely as possible for each individual station. A summary of the histogram of salinity differences (= salinity from rosette - salinity from CTD) for about half the stations (433 bottles) shows a mean of zero (0.001‰ resolution); 83 percent of the

samples were within $\pm 0.003\%$, 67 percent of the samples were within $\pm 0.002\%$, and 96 percent of the samples fell within $\pm 0.006\%$.

Data Presentation

The profiles shown in the data section were traced from original computer plots. There is an inherent smoothing in this procedure, although the draftsman was instructed to follow the traces as closely as possible except for single-point glitches which were to be ignored and the line drawn smoothly through. Many-point data problems were simply left as blanks (e.g., near 800 dbars in station 50, and several places in station 68). The numerical listings were edited separately from the plotted profiles; values were only removed from the listings, never inserted.

Consequently, there may not be one-to-one correspondence between the plots and the listings in the vicinity of suspected bad points.

Some of the stations were deeper and/or plotted/listed to a greater resolution, especially for the calculation of buoyancy frequency. For example, stations 9 and 10 have a completely different resolution for the buoyancy frequency plot; the small fluctuations are spurious artifacts of the calculation scheme and of the effectiveness of the simple lag-correction technique used to compensate for the slow temperature sensor compared to the fast conductivity sensor. Negative values of buoyancy frequency are, in general, meaningless and signify a calculated but probably not real density inversion.

Temperature-Salinity Structure

Figures 5a, b, and c show temperature plotted versus salinity for three selected sections: the diagonal stations from northwest-to-southeast in Leg 1 (Figure 5a), and the west-to-east (Figure 5b) and north-to-south (Figure 5c) sections in Leg 2.

The significant feature is the appearance of two branches for temperatures above 9°C , which suggests the presence of two distinct water masses. To illustrate this further, Figure 6 plots the spatial distribution of salinity on the 10°C surface. For Leg 1 (Figure 6a) the 32.25 and

35.30‰ contours are shown, but for Leg 2 (Figure 6b) only the 35.30‰ contour is shown because the station density is too low to be more definitive.

Mean Buoyancy-Frequency Profile

A mean buoyancy-frequency [denoted $N(z)$] profile is given in Figure 7 and listed in Table 1. The profile is calculated from stations 9, 18, 19, 35, 63, 64, 65, 67, 68, 73, 85, 86, 87, 88, 89, 90, and 92. All are within 15 km of the W.H.O.I. moorings; the first four are from Leg 1, the rest from Leg 2.

The data for these 17 stations, as listed in this report, were merged and then edited: negative points and points differing from their neighbors by more than 80 percent were replaced by a linear interpolation of the squared buoyancy frequency. The edited profile was smoothed to 5 dbar intervals in the top 200 dbar and 15 dbar intervals below that. Finally, five bottom values of buoyancy frequency from station 62 were patched on below 1368 dbar to give a profile to 1495 dbar (full depth). There are 119 points in the final profile.

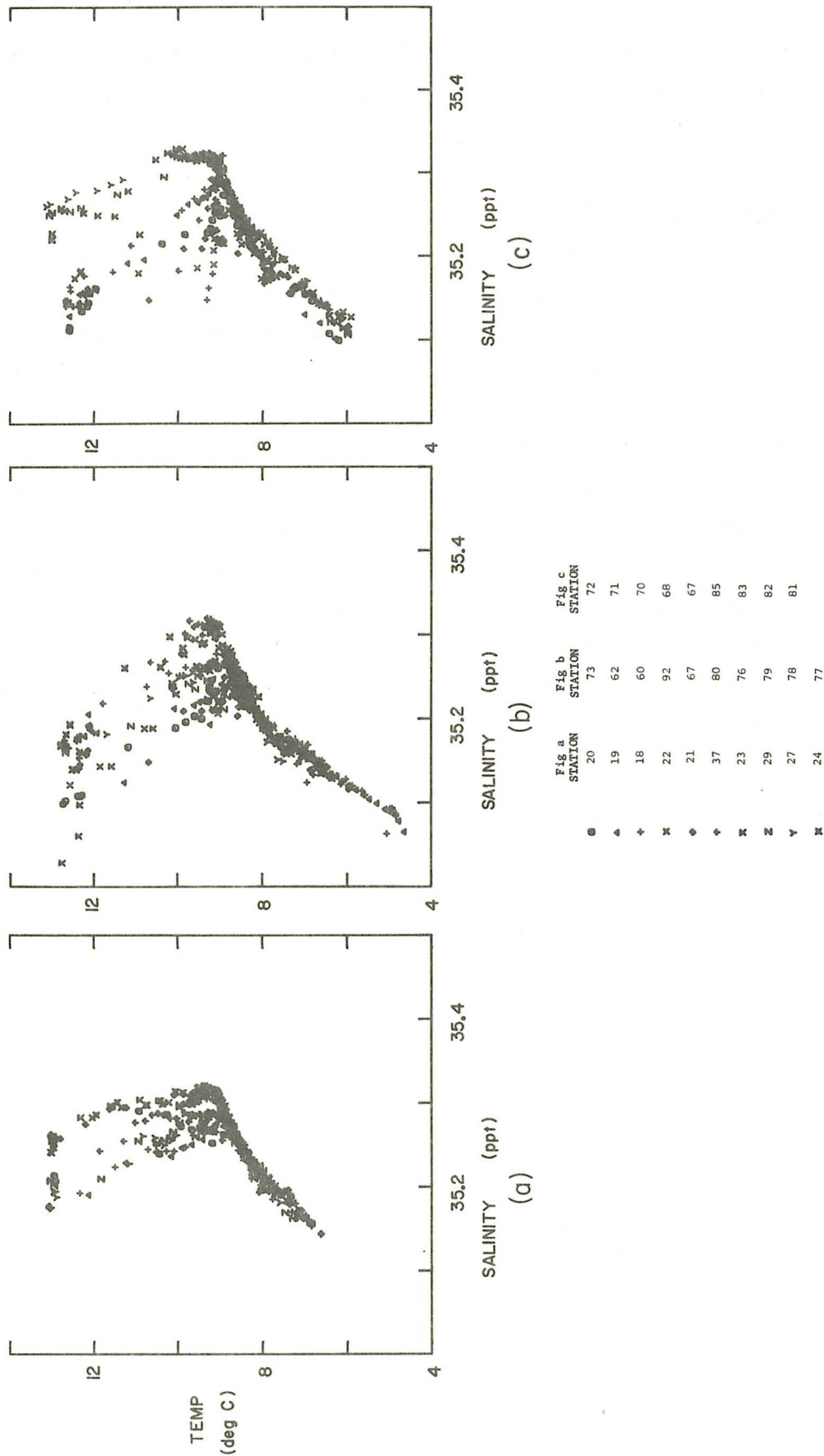


Figure 5: Temperature - Salinity Plots:
 (a) Leg 1, Northwest-Southeast Section;
 (b) Leg 2, West-East Section;
 (c) Leg 2, North-South Section.

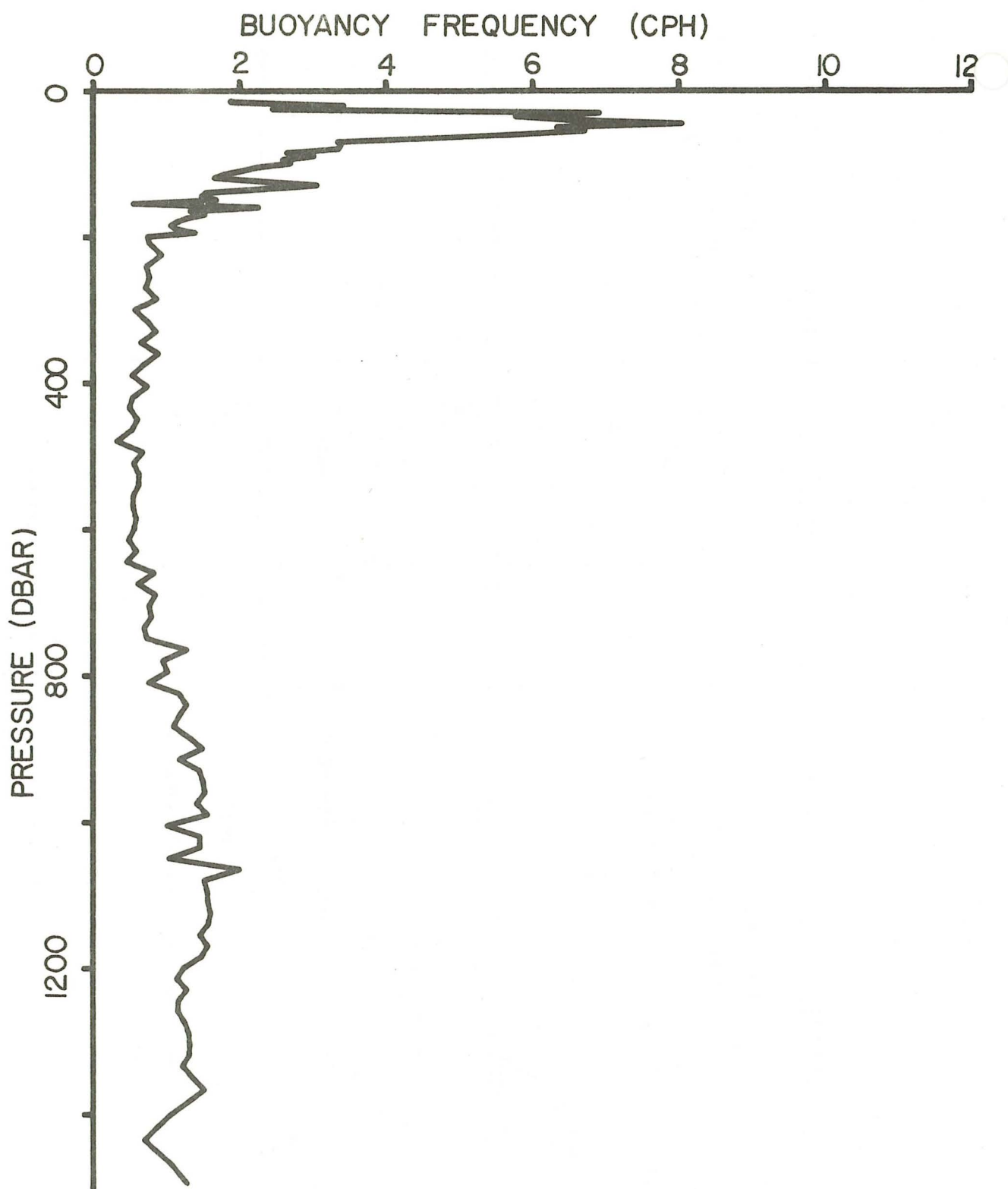


Figure 7: Mean Buoyancy - Frequency Profile.

Table 1

Mean Buoyancy Frequency Profile

Depth (dbar)	N(z) (cph)	Depth (dbar)	N(z) (cph)	Depth (dbar)	N(z) (cph)
15	1.884	240	.721	840	1.284
20	3.443	255	.772	855	1.178
25	2.448	270	.713	870	1.099
30	6.927	285	.875	885	1.322
35	5.762	300	.561	900	1.504
40	6.524	315	.733	915	1.176
45	8.059	330	.865	930	1.460
50	6.325	345	.645	945	1.508
55	6.726	360	.898	960	1.532
60	5.756	375	.690	975	1.413
65	4.589	390	.526	990	1.572
70	3.334	405	.745	1005	1.004
75	3.400	420	.538	1020	1.467
80	3.357	435	.494	1035	1.462
85	2.639	450	.611	1050	1.030
90	3.027	465	.528	1065	2.012
95	2.583	480	.318	1080	1.516
100	2.710	495	.685	1095	1.566
105	2.254	510	.551	1110	1.574
110	2.030	525	.631	1125	1.611
115	1.788	540	.623	1140	1.577
120	1.652	555	.548	1155	1.459
125	2.371	570	.547	1170	1.573
130	3.072	585	.591	1185	1.479
135	2.324	600	.559	1200	1.239
140	1.534	615	.482	1215	1.142
145	1.474	630	.596	1230	1.288
150	1.691	645	.458	1245	1.165
155	.537	660	.842	1260	1.163
160	2.271	675	.610	1275	1.257
165	1.321	690	.859	1290	1.313
170	1.533	705	.764	1305	1.325
175	1.277	720	.801	1320	1.314
180	1.138	735	.694	1335	1.218
185	1.051	750	.741	1367	1.525
190	1.141	765	1.289	1401	1.053
195	1.404	780	.949	1435	.695
200	.736	795	1.022	1469	1.073
210	.774	810	.753	1495	1.291
225	.942	825	1.181		

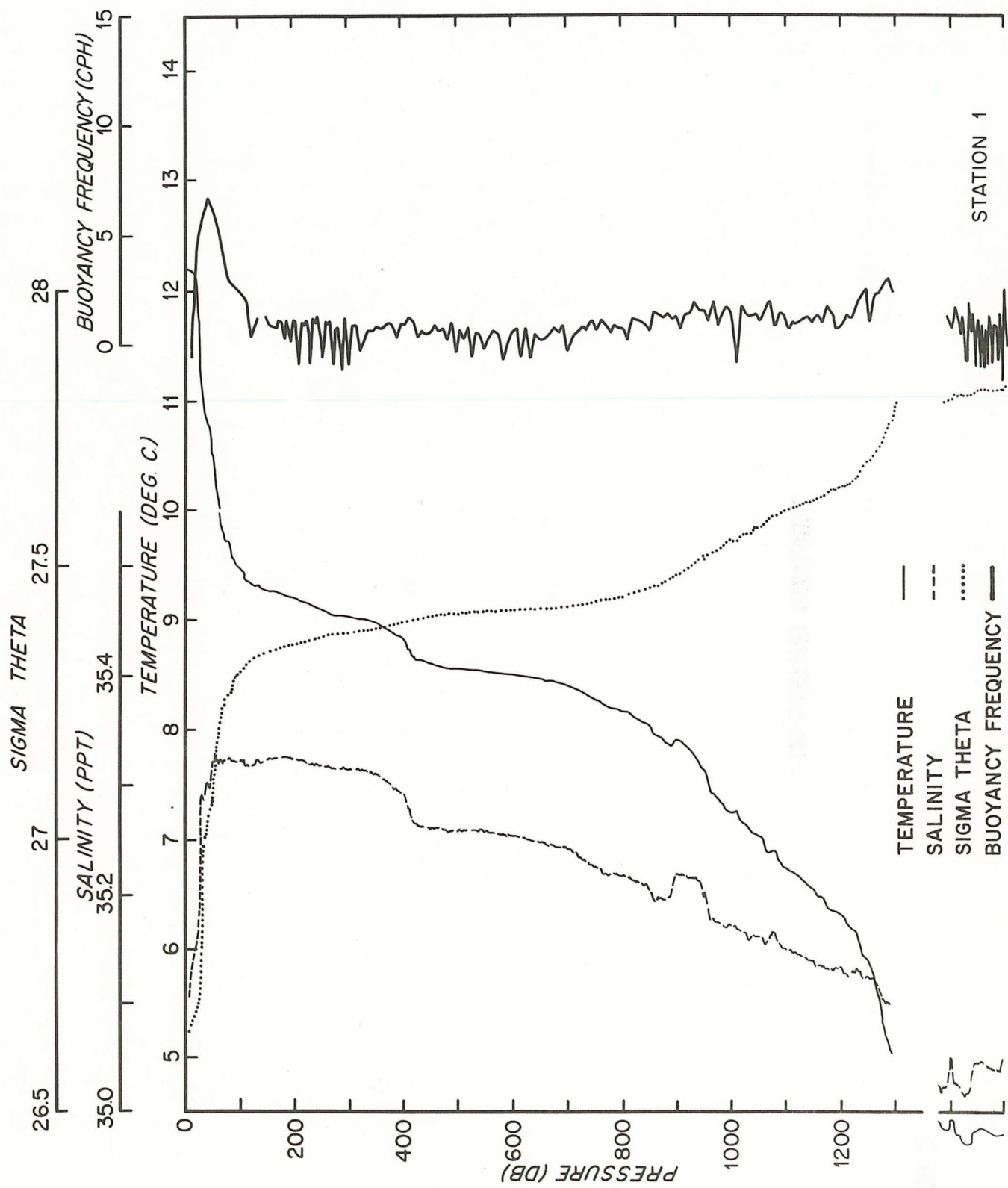
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CTD DATA

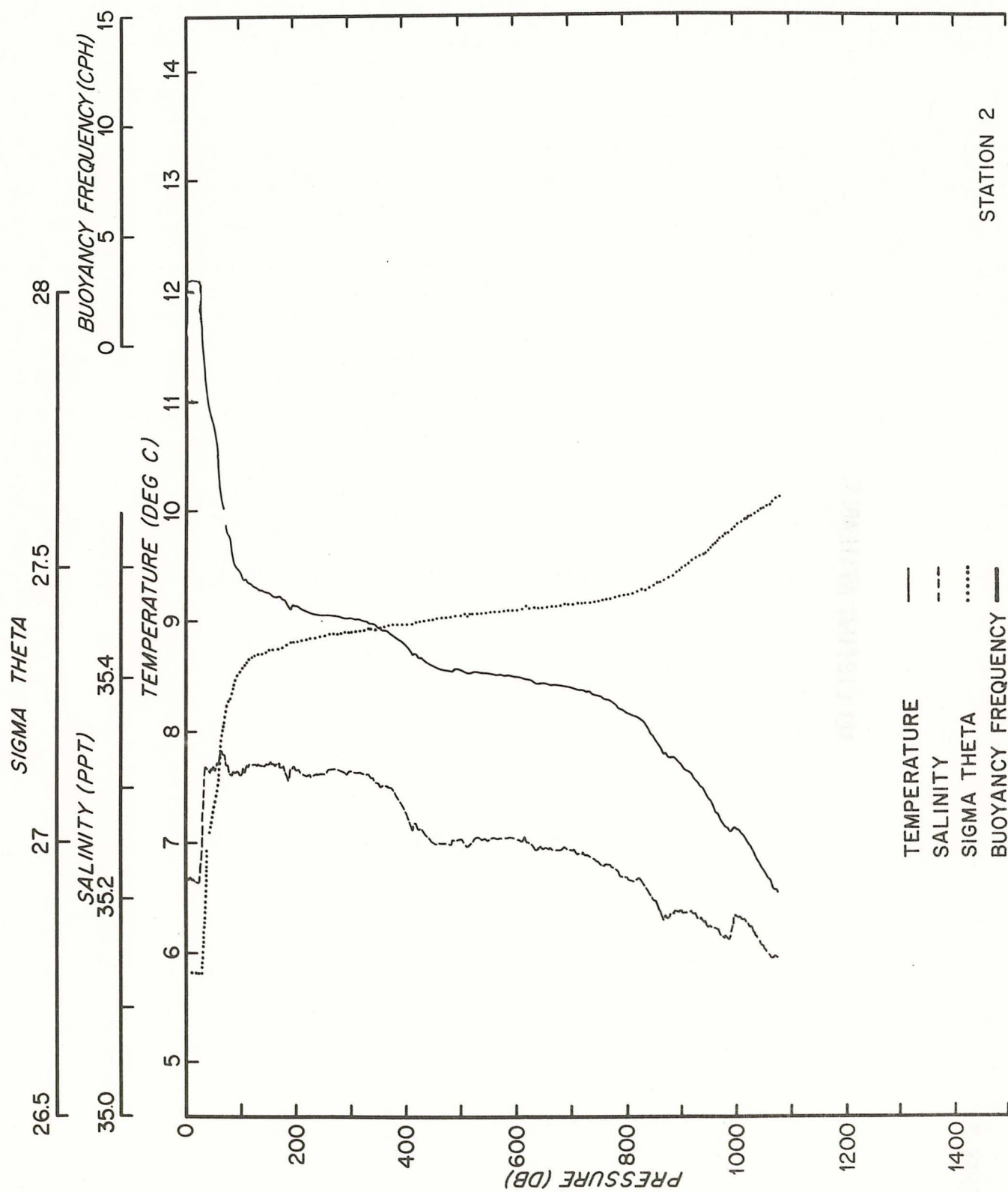
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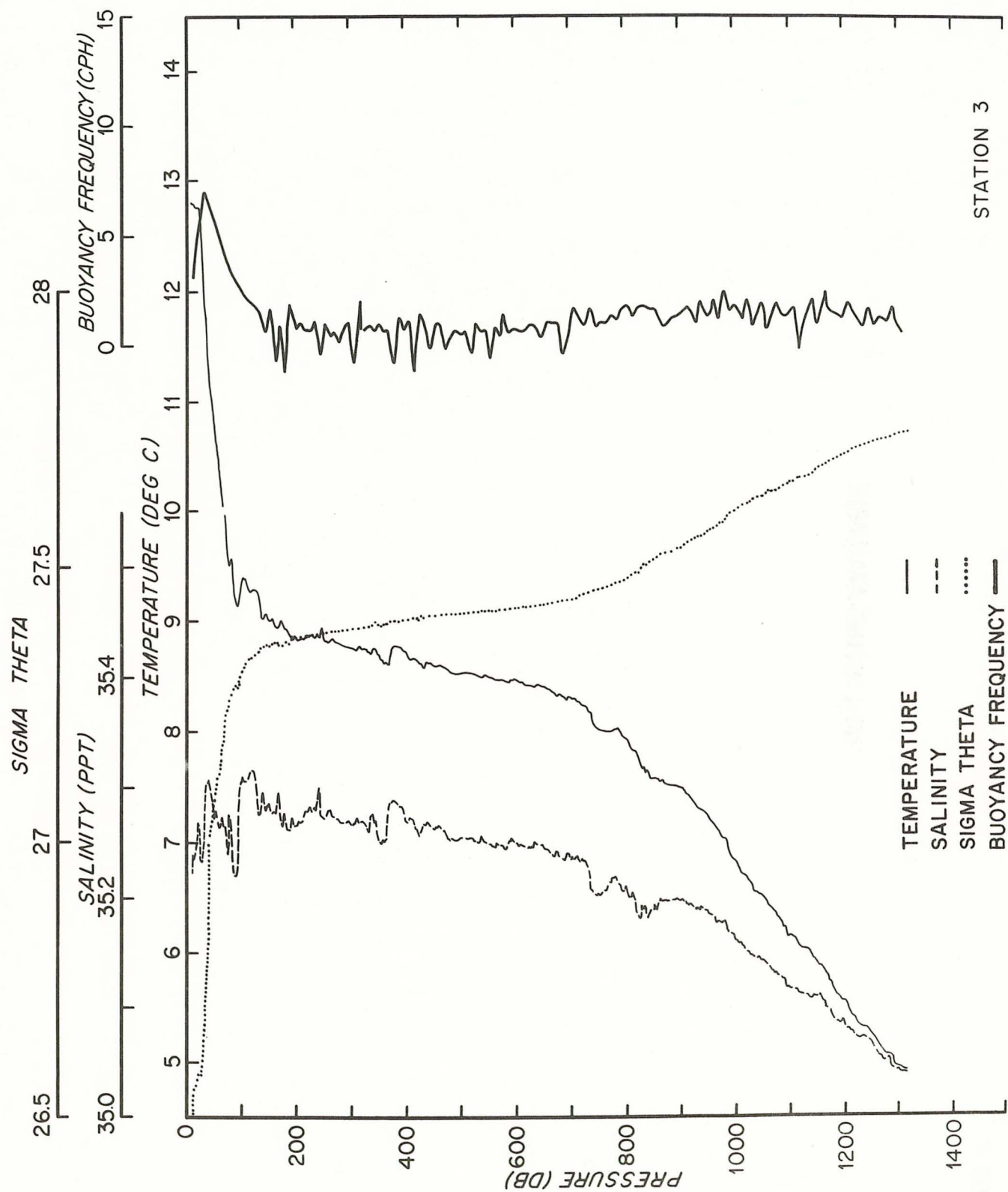
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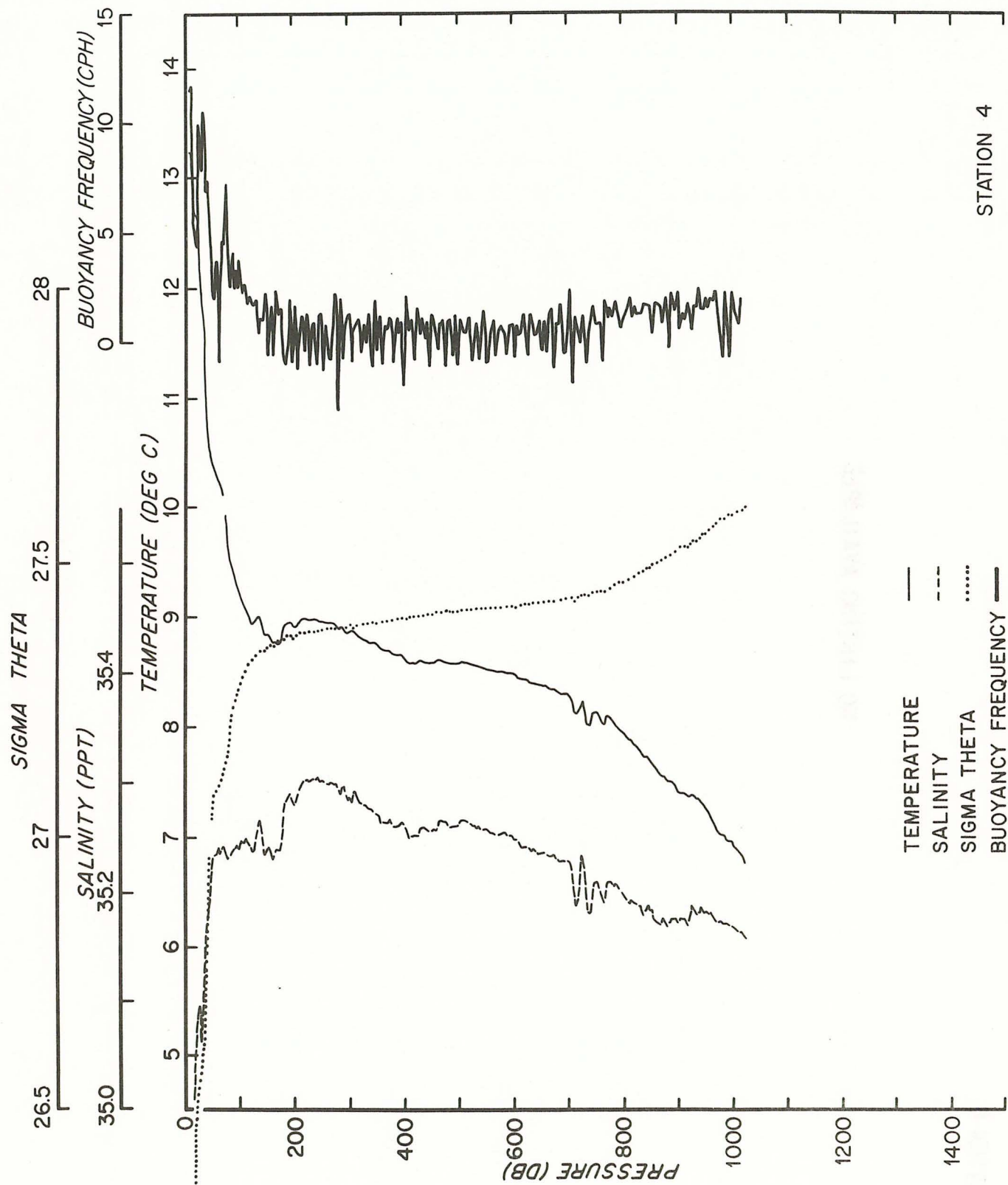
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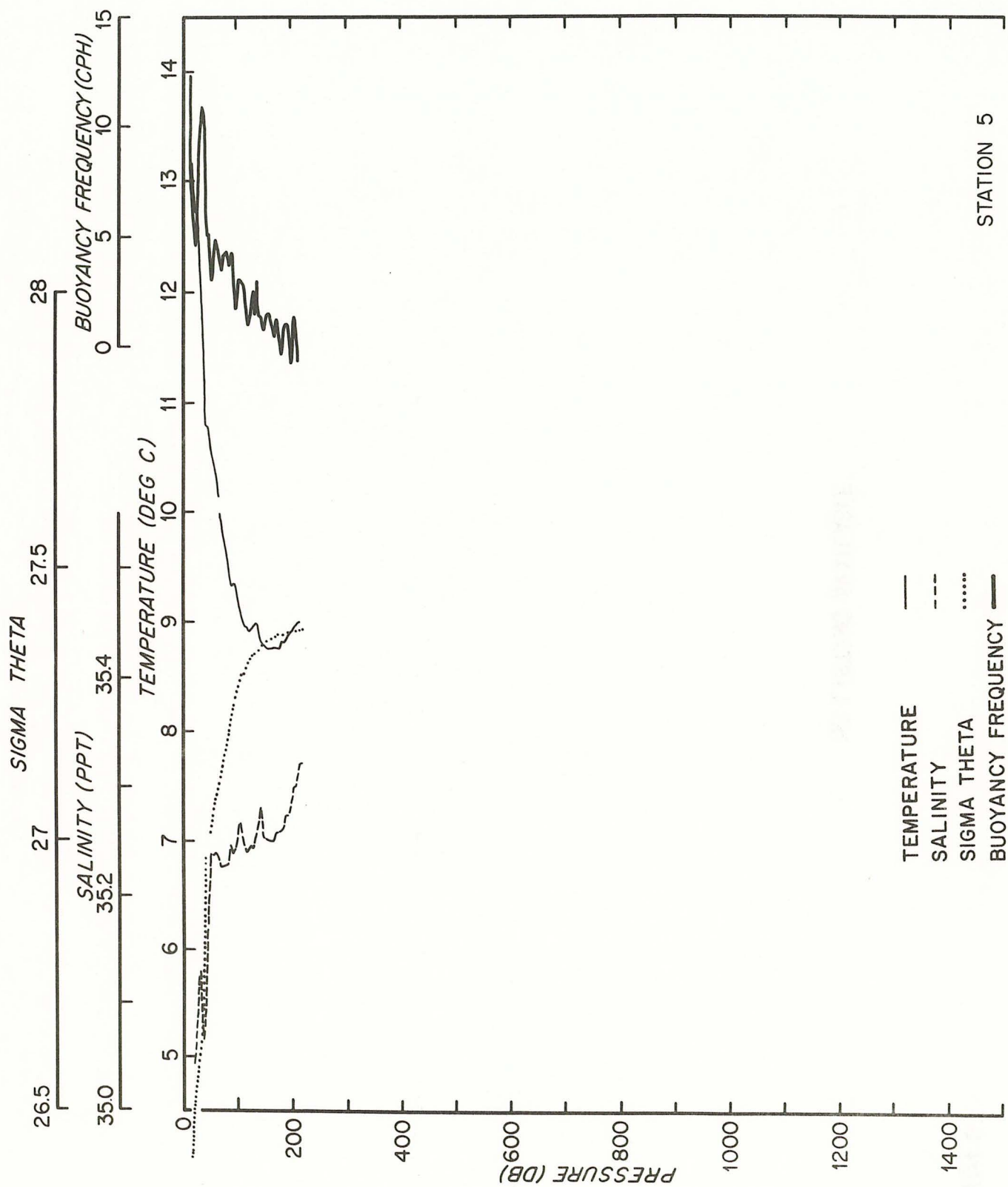
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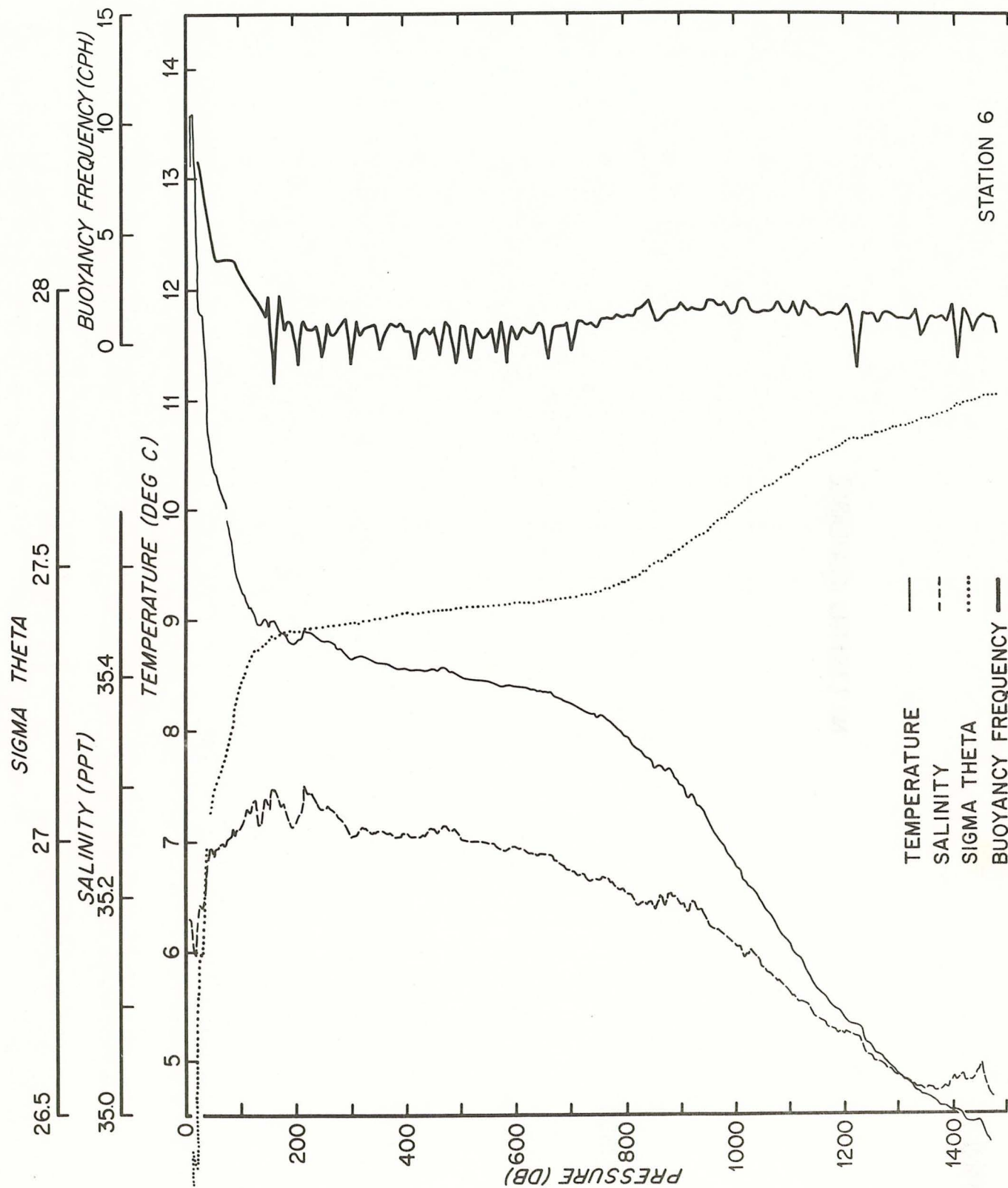
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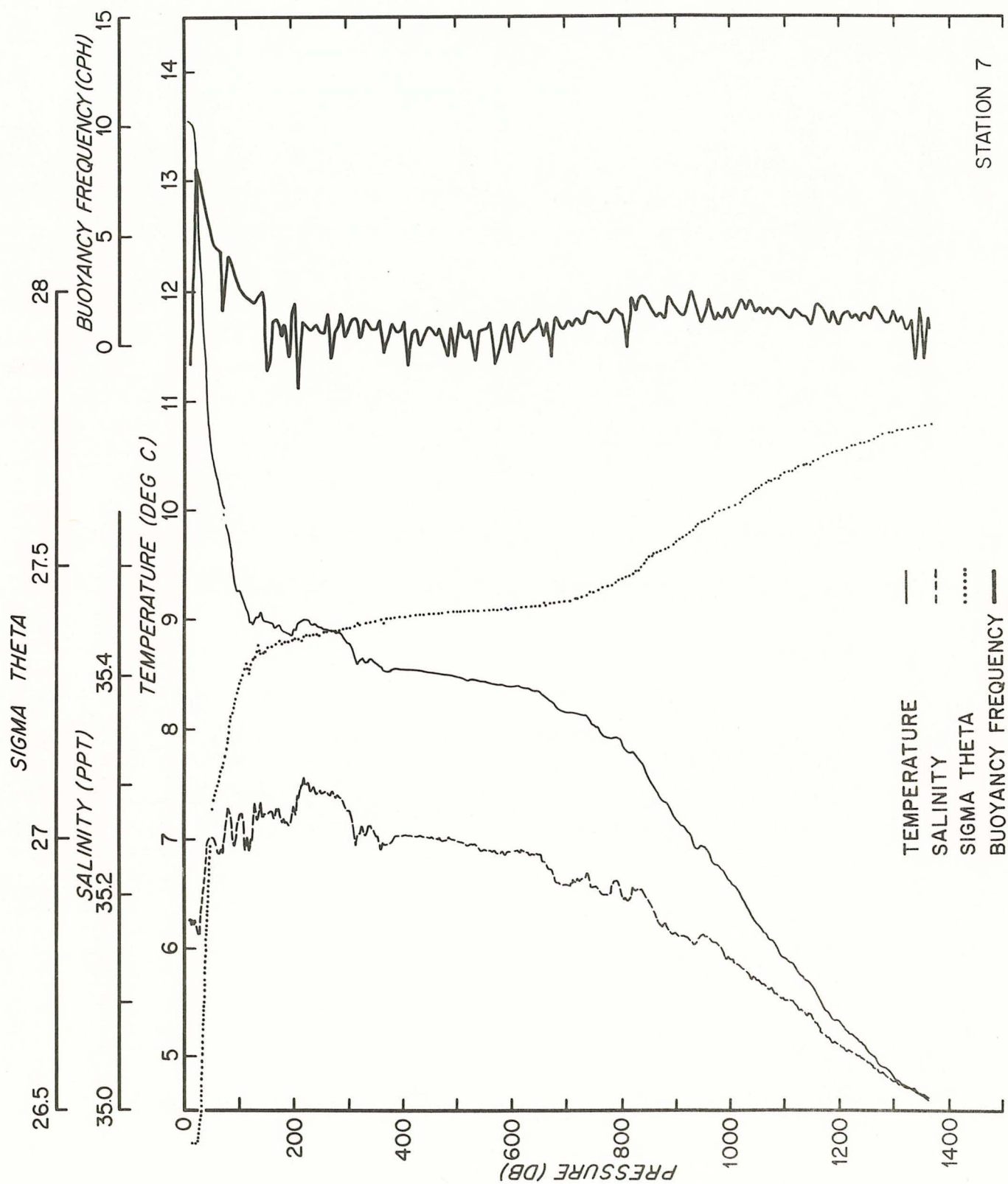
STATION 6

NO LISTING AVAILABLE



STATION 7

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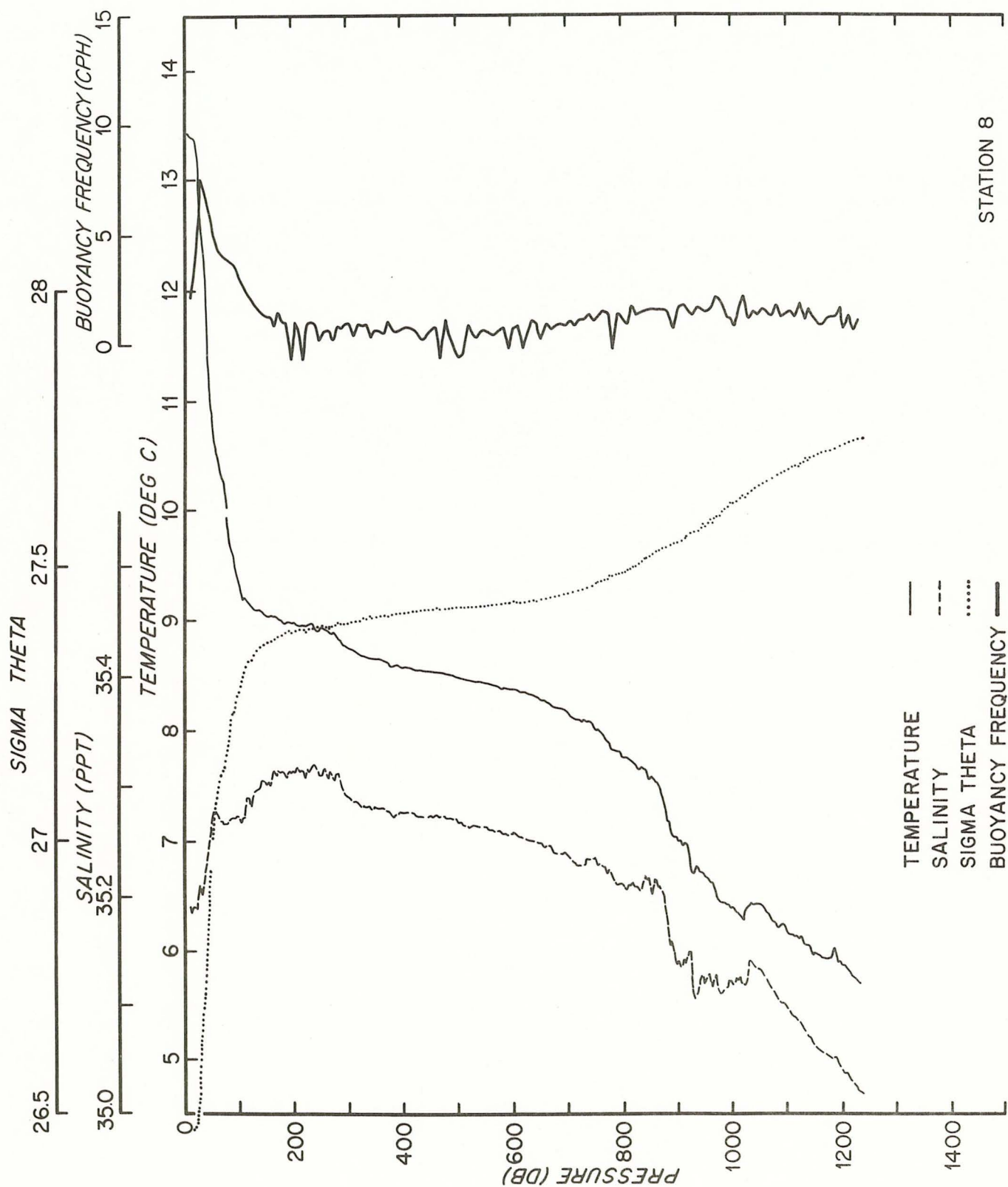


STATION 8

PRESSURE (dbar)	TEMPERATURE (deg C)	SALINITY (ppt)	CONDUCTIVITY (mmho/cm)	POT. TEMP. (deg C)	SIGMA THETA (gm/m ³)	AVERAGED PRESSURE (dbar)	BUOYANCY (gph)
829.9	7.6839	35.20	36.440	7.594	27.504	825.550	1.222
835.0	7.6784	35.215	36.445	7.592	27.510	834.450	1.514
847.2	7.6240	35.212	36.443	7.537	27.516	843.067	1.611
855.9	7.5935	35.215	36.444	7.506	27.523	851.550	1.692
863.7	7.5324	35.210	36.355	7.444	27.528	859.833	1.573
872.3	7.3874	35.189	36.205	7.299	27.532	848.000	1.650
880.7	7.2145	35.161	36.023	7.126	27.535	876.500	1.593
889.7	7.1065	35.147	35.914	7.018	27.540	885.217	1.524
898.1	7.0748	35.142	35.843	6.986	27.540	893.917	1.704
906.8	7.0355	35.145	35.853	6.946	27.548	902.483	1.769
915.9	7.0289	35.156	35.861	6.938	27.558	911.350	1.862
924.1	6.7555	35.109	35.570	6.666	27.558	920.000	1.625
932.7	6.7894	35.122	35.616	6.699	27.564	928.400	1.355
940.9	6.7684	35.128	35.606	6.677	27.571	936.783	1.744
949.5	6.7281	35.124	35.573	6.634	27.578	945.217	1.612
958.4	6.6656	35.124	35.515	6.573	27.582	953.983	1.501
966.5	6.6744	35.135	35.537	6.581	27.590	962.450	1.710
975.0	6.5000	35.116	35.363	6.407	27.599	970.733	2.195
984.1	6.4880	35.126	35.364	6.394	27.608	979.567	1.797
992.6	6.4575	35.125	35.339	6.363	27.611	988.350	1.241
1000.5	6.4279	35.123	35.313	6.333	27.614	996.550	1.169
1008.9	6.3811	35.116	35.267	6.286	27.614	1004.70	1.501
1016.9	6.3521	35.119	35.247	6.256	27.621	1012.87	1.710
1025.2	6.4165	35.149	35.337	6.319	27.636	1021.02	2.263
1033.9	6.3944	35.150	35.332	6.298	27.639	1029.52	1.154
1042.6	6.1740	35.144	35.219	6.247	27.645	1038.22	1.564
1050.9	6.3141	35.148	35.253	6.215	27.649	1046.75	1.358
1059.8	6.2446	35.144	35.149	6.145	27.655	1055.38	1.664
1067.7	6.1826	35.138	35.130	6.083	27.658	1063.78	1.453
1076.0	6.1115	35.129	35.061	6.011	27.661	1071.85	1.304
1084.3	6.0436	35.127	35.091	5.943	27.668	1080.15	1.857
1092.6	5.9285	35.130	34.992	5.927	27.672	1088.48	1.267
1101.2	5.9507	35.122	34.918	5.849	27.676	1096.90	1.469
1109.6	5.9055	35.121	34.880	5.804	27.681	1105.38	1.625
1118.7	5.8560	35.117	34.835	5.754	27.684	1114.13	1.258
1127.6	5.7825	35.117	34.771	5.680	27.693	1123.13	1.979
1135.0	5.7290	35.110	34.719	5.626	27.695	1131.30	1.126
1143.5	5.6615	35.107	34.658	5.558	27.700	1139.12	1.637
1151.5	5.6249	35.105	34.627	5.521	27.704	1147.35	1.291
1159.4	5.5880	35.101	34.592	5.484	27.705	1155.45	1.954
1168.5	5.5596	35.098	34.569	5.455	27.707	1163.95	1.022
1176.9	5.5294	35.088	34.545	5.424	27.710	1172.67	1.284
1184.6	5.4590	35.104	34.553	5.423	27.715	1180.75	1.377
1193.4	5.4505	35.096	34.478	5.344	27.718	1189.00	1.417
1201.1	5.33895	35.094	34.424	5.283	27.724	1197.23	1.806
1209.5	5.3772	35.090	34.412	5.270	27.722	1205.32	1.798
1218.3	5.3025	35.083	34.343	5.195	27.726	1213.92	1.518
1226.6	5.2432	35.079	34.289	5.136	27.730	1222.45	1.475
1234.9	5.2200	35.074	34.264	5.112	27.730	1230.73	1.638

STATION 8

TEMPERATURE (deg C)	SALINITY (ppt)	CONDUCTIVITY (mmho/cm)	POT. TEMP. (deg C)	SIGMA THETA (gm/m ³)	AVERAGED PRESSURE (dbar)	BUOYANCY (tph)
14.8514	35.188	41.574	13.422	26.469	42.9	8.5705
13.4234	35.192	41.534	13.371	26.482	43.5	8.5673
13.370	35.276	39.211	10.863	27.032	45.9	8.5580
10.864	35.270	38.295	9.894	27.198	46.9	8.5455
9.8931	35.278	37.850	9.190	27.322	47.3	8.5300
9.1906	35.278	37.613	9.102	27.359	48.4	8.5249
9.1173	35.308	37.613	9.046	27.364	49.1	8.5186
9.0651	35.303	37.560	9.035	27.368	50.8	8.4989
9.0654	35.315	37.581	9.048	27.373	51.5	8.4955
9.0459	35.311	37.558	9.022	27.374	52.9	8.4876
9.0314	35.314	37.543	9.000	27.380	53.0	8.4860
8.9945	35.312	37.521	8.974	27.382	54.0	8.4795
8.9094	35.317	37.540	8.984	27.384	54.7	8.4675
8.9900	35.314	37.532	8.974	27.383	55.6	8.4495
8.9455	35.315	37.526	8.963	27.386	56.9	8.4445
8.9339	35.316	37.529	8.960	27.387	57.4	8.4445
8.9708	35.312	37.517	8.947	27.386	58.8	8.4250
8.9986	35.321	37.553	8.970	27.389	59.0	8.4171
8.9514	35.315	37.509	8.925	27.391	59.7	8.4153
8.9200	35.311	37.478	8.893	27.393	60.8	8.4055
8.9426	35.317	37.515	8.922	27.393	61.2	8.3794
8.9384	35.314	37.507	8.910	27.394	62.4	8.3725
8.8900	35.309	37.466	8.869	27.395	63.0	8.3626
8.8774	35.303	37.438	8.840	27.395	63.1	8.3465
8.8389	35.294	37.408	8.808	27.397	64.7	8.3151
8.7793	35.292	37.367	8.768	27.398	65.7	8.3055
8.7736	35.289	37.343	8.741	27.400	66.4	8.2884
8.7551	35.284	37.327	8.721	27.402	67.3	8.2522
8.7330	35.284	37.307	8.699	27.402	68.5	8.2395
8.7108	35.283	37.288	8.676	27.405	69.0	8.2221
8.7000	35.283	37.282	8.664	27.406	70.2	8.1777
8.6884	35.282	37.272	8.650	27.408	70.9	8.1470
8.6825	35.282	37.272	8.645	27.409	71.5	8.1259
8.6765	35.282	37.270	8.638	27.410	72.4	8.1055
8.6670	35.281	37.264	8.628	27.411	73.4	8.1156
8.6550	35.279	37.253	8.614	27.411	74.3	8.0861
8.6107	35.274	37.211	8.570	27.414	75.2	8.0443
8.6235	35.278	37.231	8.582	27.415	76.0	7.9919
8.6070	35.276	37.218	8.567	27.415	76.9	7.9477
8.6115	35.274	37.226	8.568	27.416	77.8	7.8697
8.6080	35.274	37.223	8.560	27.418	78.6	7.8384
8.6045	35.275	37.203	8.537	27.419	79.5	7.84245
8.5715	35.274	37.196	8.526	27.420	80.2	7.7879
8.5708	35.275	37.199	8.524	27.421	81.2	7.7734
8.5708	35.275	37.199	8.524	27.421	82.1	7.7256
8.5708	35.275	37.199	8.524	27.421	83.0	7.7256
8.5708	35.275	37.199	8.524	27.421	84.0	7.7256
8.5708	35.275	37.199	8.524	27.421	85.0	7.7256
8.5708	35.275	37.199	8.524	27.421	86.0	7.7256
8.5708	35.275	37.199	8.524	27.421	87.0	7.7256
8.5708	35.275	37.199	8.524	27.421	88.0	7.7256
8.5708	35.275	37.199	8.524	27.421	89.0	7.7256
8.5708	35.275	37.199	8.524	27.421	90.0	7.7256
8.5708	35.275	37.199	8.524	27.421	91.0	7.7256
8.5708	35.275	37.199	8.524	27.421	92.0	7.7256
8.5708	35.275	37.199	8.524	27.421	93.0	7.7256
8.5708	35.275	37.199	8.524	27.421	94.0	7.7256
8.5708	35.275	37.199	8.524	27.421	95.0	7.7256
8.5708	35.275	37.199	8.524	27.421	96.0	7.7256
8.5708	35.275	37.199	8.524	27.421	97.0	7.7256
8.5708	35.275	37.199	8.524	27.421	98.0	7.7256
8.5708	35.275	37.199	8.524	27.421	99.0	7.7256
8.5708	35.275	37.199	8.524	27.421	100.0	7.7256

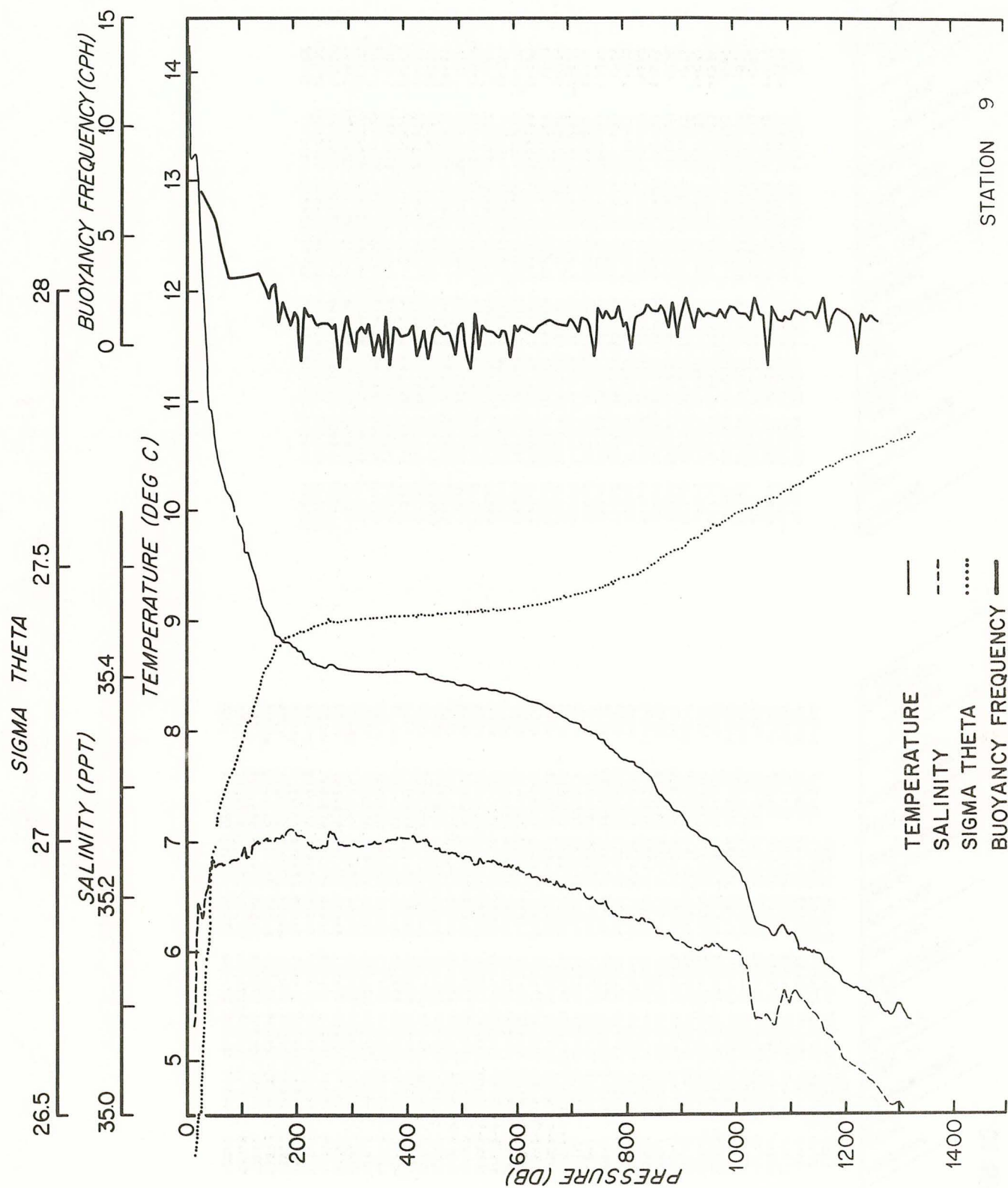


STATION 9

PRESSURE (dbar)	TEMPERATURE (deg C)	SALINITY (ppt)	CONDUCTIVITY (mmho/cm)	POT. TEMP. (deg C)	SIGMA THETA (gm/m ³)	AVERAGED PRESSURE (dbar)	BUOYANCY FREQUENCY (cpH)
883.2	7.2931	35.162	36.098	7.204	27.525	879.150	1.956
890.9	7.2855	35.161	36.093	7.196	27.525	887.050	.306
899.3	7.2356	35.159	36.048	7.145	27.530	895.117	1.575
906.9	7.1141	35.157	35.974	7.064	27.540	903.083	2.196
914.0	7.1156	35.157	35.951	7.035	27.545	910.417	1.532
921.5	7.1035	35.154	35.931	7.012	27.546	917.733	1.736
930.2	7.0580	35.155	35.894	6.966	27.553	925.850	1.743
938.3	7.0405	35.157	35.883	6.947	27.557	934.250	1.510
945.0	7.0149	35.158	35.862	6.921	27.561	941.667	1.470
952.9	6.9776	35.156	35.830	6.883	27.565	948.983	1.388
960.5	6.9692	35.159	35.828	6.874	27.568	956.700	1.287
968.9	6.8950	35.153	35.758	6.800	27.574	964.683	1.666
976.9	6.8404	35.150	35.727	6.765	27.577	972.900	1.195
985.3	6.8071	35.150	35.681	6.711	27.584	981.100	1.765
992.9	6.7685	35.151	35.650	6.672	27.590	989.117	1.754
1000.0	6.7390	35.152	35.626	6.642	27.594	996.483	1.487
1007.5	6.6509	35.140	35.537	6.553	27.597	1003.75	1.464
1015.4	6.5505	35.126	35.435	6.453	27.600	1011.45	1.414
1023.1	6.4001	35.099	35.276	6.303	27.599	1019.25	1.109
1030.4	6.2500	35.082	35.172	6.193	27.608	1026.75	2.215
1039.1	6.2515	35.091	35.139	6.154	27.612	1034.78	1.410
1047.0	6.2435	35.095	35.139	6.145	27.617	1043.05	1.354
1054.1	6.2220	35.088	35.116	6.123	27.613	1050.55	1.028
1062.2	6.1480	35.084	35.048	6.049	27.620	1058.15	1.850
1070.3	6.2006	35.099	35.114	6.100	27.626	1066.22	1.269
1078.4	6.2562	35.115	35.182	6.155	27.630	1074.35	1.129
1085.9	6.1831	35.106	35.110	6.081	27.633	1082.17	1.404
1094.0	6.1960	35.113	35.131	6.093	27.637	1089.97	1.157
1101.7	6.1536	35.113	35.096	6.050	27.642	1097.85	1.691
1108.9	6.0826	35.106	35.028	5.979	27.646	1105.30	1.554
1117.1	6.0588	35.107	35.011	5.955	27.650	1113.03	1.386
1124.8	6.0005	35.103	34.957	5.896	27.655	1120.97	1.570
1133.3	5.9505	35.102	34.914	5.846	27.660	1129.03	1.593
1140.9	5.9275	35.102	34.896	5.822	27.663	1137.10	1.203
1149.1	5.8801	35.100	34.855	5.774	27.668	1145.02	1.571
1156.2	5.7550	35.090	34.734	5.650	27.676	1152.05	2.238
1164.7	5.7435	35.089	34.727	5.638	27.676	1160.47	.660
1172.6	5.6375	35.087	34.686	5.591	27.680	1168.67	1.433
1180.2	5.6356	35.084	34.630	5.529	27.686	1176.38	1.749
1187.4	5.5450	35.073	34.541	5.439	27.689	1183.77	1.581
1195.5	5.5085	35.074	34.512	5.402	27.693	1191.43	1.491
1203.5	5.4765	35.073	34.485	5.369	27.697	1199.48	1.324
1210.3	5.4515	35.071	34.464	5.344	27.698	1206.90	1.015
1218.2	5.4335	35.067	34.447	5.325	27.697	1214.27	.395
1226.4	5.3950	35.067	34.416	5.246	27.702	1222.68	1.534
1234.2	5.3575	35.063	34.382	5.248	27.704	1230.27	1.086
1240.9	5.3193	35.062	34.348	5.210	27.707	1237.55	1.452
1248.4	5.2766	35.058	34.309	5.167	27.709	1244.68	1.207
1256.9	5.2250	35.052	34.261	5.115	27.711	1252.65	1.112

STATION 9

TEMPERATURE (deg C)	SALINITY (ppt)	CONDUCTIVITY (mmho/cm)	POT. TEMP. (deg C)	SIGMA THETA (gm/m ³)	AVERAGED PRESSURE (dbar)	BUOYANCY (tph)
5.5	35.099	4.249	13.21	26.443	6.929	6.929
10.2	35.099	4.249	11.795	26.416	22.583	22.583
13.155	35.211	39.996	10.394	27.081	48.183	48.183
35.0	35.231	38.724	9.986	27.155	74.750	74.750
61.4	35.236	38.334	9.527	27.233	101.567	101.567
88.1	35.236	37.934	9.079	27.319	128.167	128.167
115.0	35.252	37.529	8.632	27.406	154.850	154.850
141.3	35.252	37.128	8.186	27.492	181.533	181.533
168.6	35.253	36.724	7.739	27.578	208.216	208.216
195.7	35.253	36.323	7.292	27.664	234.900	234.900
222.4	35.254	35.922	6.845	27.750	261.583	261.583
249.7	35.254	35.521	6.396	27.836	288.267	288.267
276.9	35.254	35.120	5.947	27.922	314.950	314.950
304.1	35.254	34.719	5.498	28.008	341.633	341.633
331.3	35.254	34.318	5.049	28.094	368.317	368.317
358.5	35.254	33.917	4.600	28.180	395.000	395.000
385.7	35.254	33.516	4.151	28.266	421.683	421.683
412.9	35.254	33.115	3.702	28.352	448.367	448.367
440.1	35.254	32.714	3.253	28.438	475.050	475.050
467.3	35.254	32.313	2.804	28.524	501.733	501.733
494.5	35.254	31.912	2.355	28.610	528.417	528.417
521.7	35.254	31.511	1.906	28.696	555.100	555.100
548.9	35.254	31.110	1.457	28.782	581.783	581.783
576.1	35.254	30.709	1.008	28.868	608.467	608.467
603.3	35.254	30.308	0.559	28.954	635.150	635.150
630.5	35.254	29.907	0.110	29.040	661.833	661.833
657.7	35.254	29.506	-0.341	29.126	688.517	688.517
684.9	35.254	29.105	-0.792	29.212	715.200	715.200
712.1	35.254	28.704	-1.243	29.298	741.883	741.883
739.3	35.254	28.303	-1.694	29.384	768.567	768.567
766.5	35.254	27.902	-2.145	29.470	795.250	795.250
793.7	35.254	27.501	-2.596	29.556	821.933	821.933
820.9	35.254	27.100	-3.047	29.642	848.617	848.617
848.1	35.254	26.699	-3.498	29.728	875.300	875.300
875.3	35.254	26.298	-3.949	29.814	901.983	901.983
902.5	35.254	25.897	-4.400	29.900	928.667	928.667
929.7	35.254	25.496	-4.851	29.986	955.350	955.350
956.9	35.254	25.095	-5.302	30.072	982.033	982.033
984.1	35.254	24.694	-5.753	30.158	1008.717	1008.717
1011.3	35.254	24.293	-6.204	30.244	1035.400	1035.400
1038.5	35.254	23.892	-6.655	30.330	1062.083	1062.083
1065.7	35.254	23.491	-7.106	30.416	1088.767	1088.767
1092.9	35.254	23.090	-7.557	30.502	1115.450	1115.450
1120.1	35.254	22.689	-8.008	30.588	1142.133	1142.133
1147.3	35.254	22.288	-8.459	30.674	1168.817	1168.817
1174.5	35.254	21.887	-8.910	30.760	1195.500	1195.500
1201.7	35.254	21.486	-9.361	30.846	1222.183	1222.183
1228.9	35.254	21.085	-9.812	30.932	1248.867	1248.867
1256.1	35.254	20.684	-10.263	31.018	1275.550	1275.550
1283.3	35.254	20.283	-10.714	31.104	1302.233	1302.233
1310.5	35.254	19.882	-11.165	31.190	1328.917	1328.917
1337.7	35.254	19.481	-11.616	31.276	1355.600	1355.600
1364.9	35.254	19.080	-12.067	31.362	1382.283	1382.283
1392.1	35.254	18.679	-12.518	31.448	1408.967	1408.967
1419.3	35.254	18.278	-12.969	31.534	1435.650	1435.650
1446.5	35.254	17.877	-13.420	31.620	1462.333	1462.333
1473.7	35.254	17.476	-13.871	31.706	1489.017	1489.017
1500.9	35.254	17.075	-14.322	31.792	1515.700	1515.700
1528.1	35.254	16.674	-14.773	31.878	1542.383	1542.383
1555.3	35.254	16.273	-15.224	31.964	1569.067	1569.067
1582.5	35.254	15.872	-15.675	32.050	1595.750	1595.750
1609.7	35.254	15.471	-16.126	32.136	1622.433	1622.433
1636.9	35.254	15.070	-16.577	32.222	1649.117	1649.117
1664.1	35.254	14.669	-17.028	32.308	1675.800	1675.800
1691.3	35.254	14.268	-17.479	32.394	1702.483	1702.483
1718.5	35.254	13.867	-17.930	32.480	1729.167	1729.167
1745.7	35.254	13.466	-18.381	32.566	1755.850	1755.850
1772.9	35.254	13.065	-18.832	32.652	1782.533	1782.533
1799.1	35.254	12.664	-19.283	32.738	1809.217	1809.217
1826.3	35.254	12.263	-19.734	32.824	1835.900	1835.900
1853.5	35.254	11.862	-20.185	32.910	1862.583	1862.583
1880.7	35.254	11.461	-20.636	32.996	1889.267	1889.267
1907.9	35.254	11.060	-21.087	33.082	1915.950	1915.950
1935.1	35.254	10.659	-21.538	33.168	1942.633	1942.633
1962.3	35.254	10.258	-21.989	33.254	1969.317	1969.317
1989.5	35.254	9.857	-22.440	33.340	1996.000	1996.000
2016.7	35.254	9.456	-22.891	33.426	2022.683	2022.683
2043.9	35.254	9.055	-23.342	33.512	2049.367	2049.367
2071.1	35.254	8.654	-23.793	33.598	2076.050	2076.050
2098.3	35.254	8.253	-24.244	33.684	2102.733	2102.733
2125.5	35.254	7.852	-24.695	33.770	2129.417	2129.417
2152.7	35.254	7.451	-25.146	33.856	2156.100	2156.100
2179.9	35.254	7.050	-25.597	33.942	2182.783	2182.783
2207.1	35.254	6.649	-26.048	34.028	2209.467	2209.467
2234.3	35.254	6.248	-26.499	34.114	2236.150	2236.150
2261.5	35.254	5.847	-26.950	34.200	2262.833	2262.833
2288.7	35.254	5.446	-27.401	34.286	2289.517	2289.517
2315.9	35.254	5.045	-27.852	34.372	2316.200	2316.200
2343.1	35.254	4.644	-28.303	34.458	2342.883	2342.883
2370.3	35.254	4.243	-28.754	34.544	2369.567	2369.567
2397.5	35.254	3.842	-29.205	34.630	2396.250	2396.250
2424.7	35.254	3.441	-29.656	34.716	2422.933	2422.933
2451.9	35.254	3.040	-30.107	34.802	2449.617	2449.617
2479.1	35.254	2.639	-30.558	34.888	2476.300	2476.300
2506.3	35.254	2.238	-31.009	34.974	2502.983	2502.983
2533.5	35.254	1.837	-31.460	35.060	2529.667	2529.667
2560.7	35.254	1.436	-31.911	35.146	2556.350	2556.350
2587.9	35.254	1.035	-32.362	35.232	2583.033	2583.033
2615.1	35.254	0.634	-32.813	35.318	2609.717	2609.717
2642.3	35.254	0.233	-33.264	35.404	2636.400	2636.400
2669.5	35.254	-0.168	-33.715	35.490	2663.083	2663.083
2696.7	35.254	-0.569	-34.166	35.576	2689.767	2689.767
2723.9	35.254	-0.970	-34.617	35.662	2716.450	2716.450
2751.1	35.254	-1.371	-35.068	35.748	2743.133	2743.133
2778.3	35.254	-1.772	-35.519	35.834	2769.817	2769.817
2805.5	35.254	-2.173	-35.970	35.920	2796.500	2796.500
2832.7	35.254	-2.574	-36.421	36.006	2823.183	2823.183
2860.9	35.254	-2.975	-36.872	36.092	2849.867	2849.867
2888.1	35.254	-3.376	-37.323	36.178	2876.550	2876.550
2915.3	35.254	-3.777	-37.774	36.264	2903.233	2903.233
2942.5	35.254	-4.178	-38.225	36.350	2929.917	2929.917
2969.7	35.254	-4.579	-38.676	36.436	2956.600	2956.600
2996.9	35.254	-4.980	-39.127	36.522	2983.283	2983.283
3024.1	35.254	-5.381	-39.578	36.608	3009.967	3009.967
3051.3	35.254	-5.782	-40.029	36.694	3036.650	3036.650
3078.5	35.254	-6.183	-40.480	36.780	3063.333	3063.333
3105.7	35.254	-6.584	-40.931	36.866	3090.017	3090.017
3132.9	35.254	-6.985	-41.382	36.952	3116.700	3116.700
3160.1	35.254	-7.386	-41.833	37.038	3143.383	3143.383
3187.3	35.254	-7.787	-42.284	37.124	3170.067	3170.067
3214.5	35.254	-8.188	-42.735	37.210	3196.750	3196.750
3241.7	35.254	-8.589	-43.186	37.296	3223.433	3223.433
3268.9	35.254	-8.990	-43.637	37.382	3250.117	3250.117
3296.1	35.254	-9.391	-44.088	37.468	3276.800	3276.800
3323.3	35.254	-9.792	-44.539	37.554	3303.483	3303.483
3350.5	35.254	-10.193	-44.990	37.640	3330.167	3330.167
3377.7	35.254	-10.594	-45.441	37.726	3356.850	3356.850
3404.9	35.254	-10.995	-45.892	37.812	3383.533	3383.533
3432.1	35.254	-11.396	-46.343	37.898	3410.217	3410.217
3459.3	35.254	-11.797	-46.794	37.984	3436.900	3436.900
3486.5	35.254	-12.198	-47.245	38.070	3463.583	3463.583
3513.7	35.254	-12.599	-47.696	38.156	3490.267	3490.267
3540.9	35.254	-12.999	-48.147	38.242	3516.950	3516.950
3568.1	35.254	-13.400	-48.598	38.328	3543.633	3543.633
3595.3	35.254	-13.801	-49.049	38.414	3570.317	3570.317
3622.5	35.254	-14.202	-49.500	38.500	3597.000	3597.000
3649.7	35.254	-14.603	-49.951	38.586	3623.683	3623.683
3676.9	35.254	-15.004	-50.402	38.672	3650.367	3650.367
3704.1	35.254	-15.405	-50.853	38.758	3677.050	3677.050
3731.3	35.254	-15.806	-51.304	38.844	3703.733	3703.733
3758.5	35.254	-16.207	-51.755	38.930	3730.417	3730.417
3785.7	35.254	-16.608	-52.206	39.016	3757.100	3757.100
3812.9	35.254	-17.009	-52.657	39.102	3783.783	3783.783

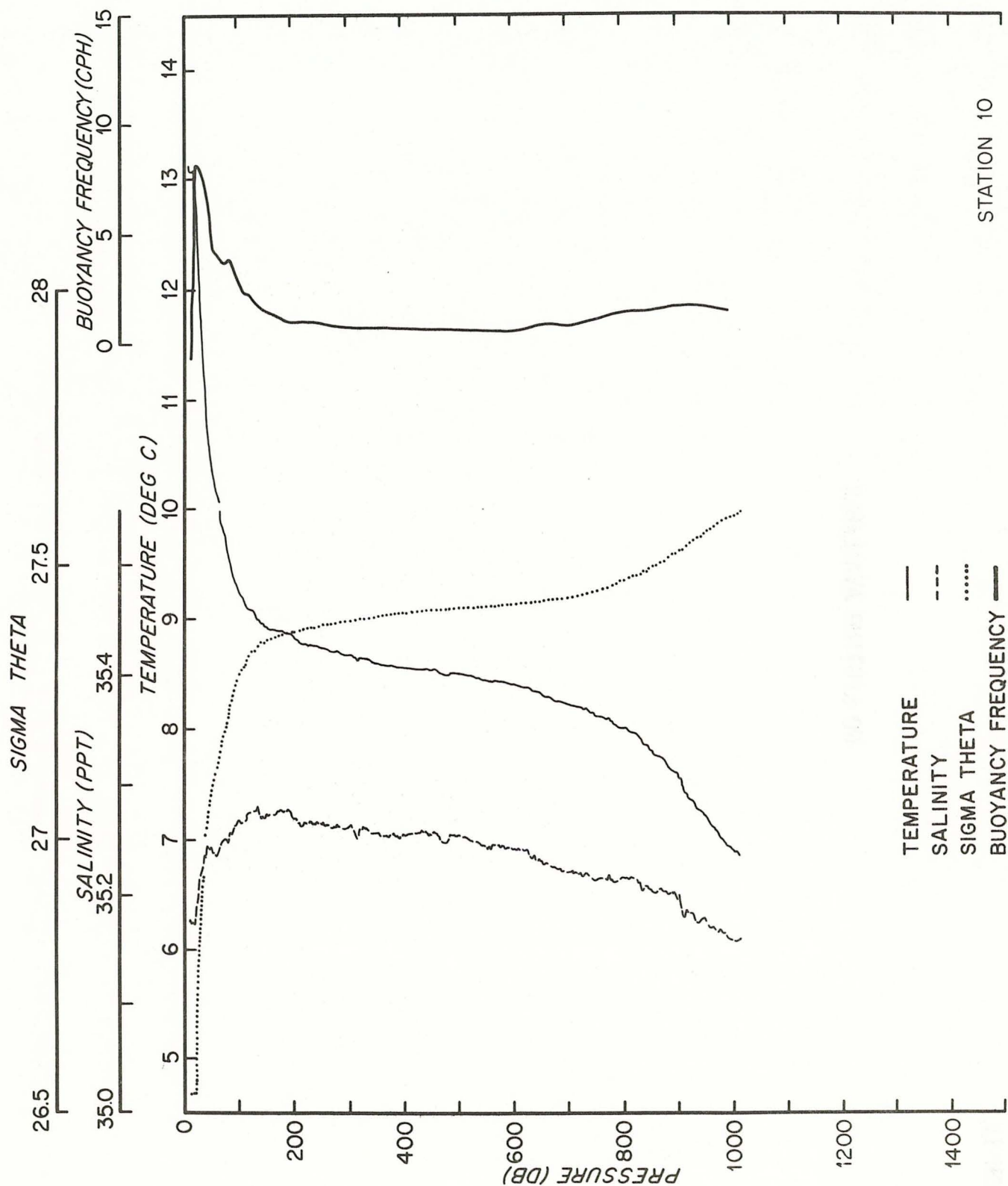


STATION 9

STATION 10

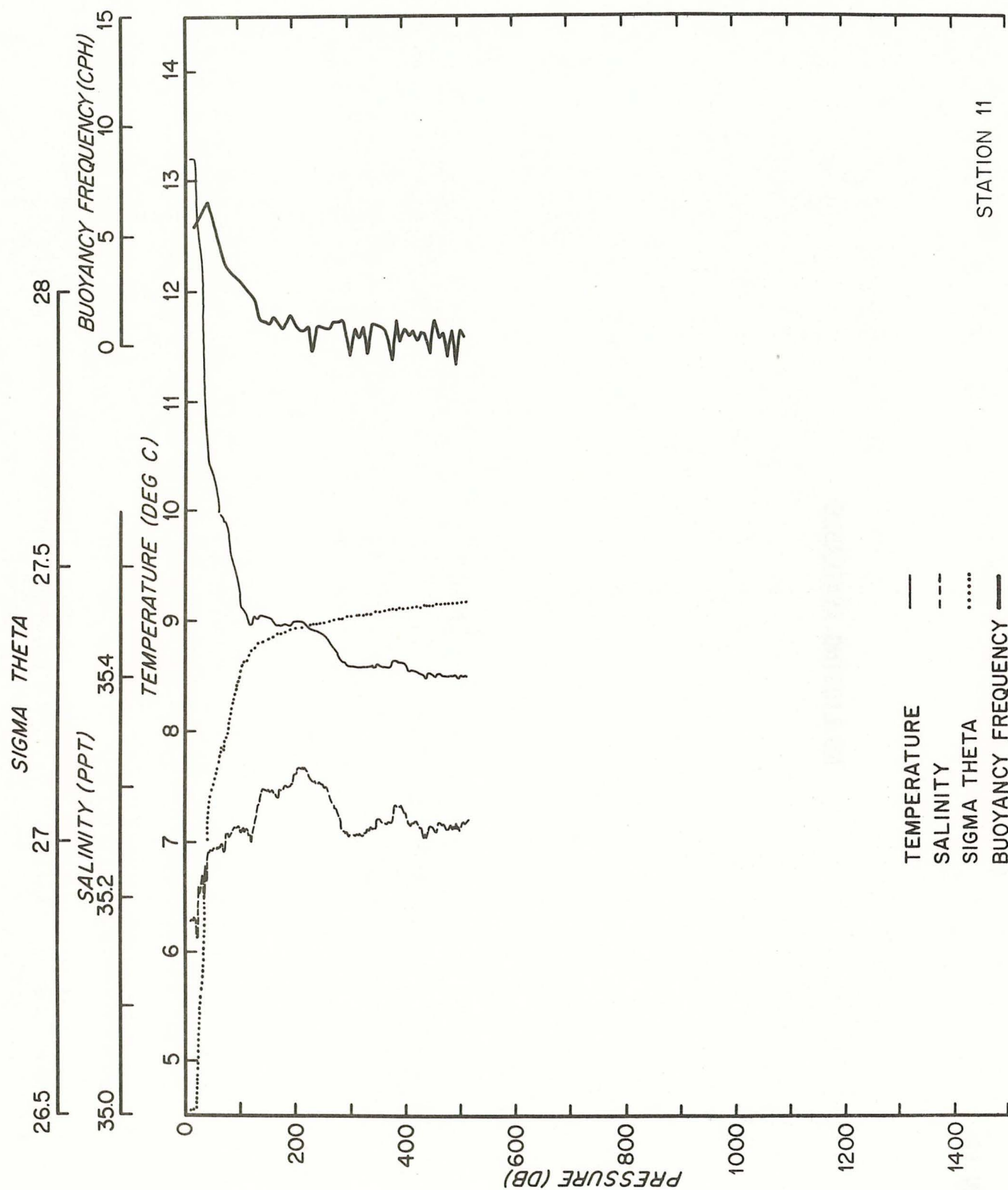
TEMPERATURE (dbar)	TEMPERATURE (deg C)	SALINITY (ppt)	CONDUCTIVITY (mmho/cm)	POT. TEMP. (deg C)	SIGMA THETA (gm/m ³)	AVERAGED PRESSURE (dbar)	BUOYANCY (gph)
5.4	12.7760	35.179	41.222	13.068	26.534		
11.3	13.0701	35.192	40.309	12.105	26.734	19.167	6.346
27.0	12.1086	35.192	40.309	9.878	27.183	48.183	9.804
69.3	9.8857	35.247	38.252	9.133	27.322	91.117	3.206
112.9	9.1455	35.267	37.589	8.898	27.364	134.667	1.764
156.4	8.9190	35.272	37.396	8.687	27.366	161.733	.898
167.0	8.9085	35.274	37.393	8.688	27.371	172.050	1.143
178.3	8.8998	35.278	37.397	8.683	27.374	183.433	1.045
189.6	8.8735	35.277	37.376	8.827	27.374	194.417	.315
200.2	8.8489	35.265	37.323	8.774	27.377	205.467	.991
210.7	8.7798	35.267	37.302	8.756	27.381	216.267	1.147
221.8	8.7798	35.267	37.293	8.751	27.383	227.353	.661
232.9	8.7791	35.268	37.295	8.751	27.383	238.437	.846
244.1	8.7610	35.268	37.286	8.735	27.385	249.533	1.070
255.3	8.7332	35.267	37.263	8.705	27.389	260.633	.426
266.7	8.7101	35.263	37.243	8.681	27.389	271.700	.229
277.8	8.7066	35.262	37.244	8.677	27.389	282.833	.966
288.7	8.6885	35.261	37.228	8.654	27.392	293.933	.907
300.1	8.6785	35.263	37.227	8.644	27.395	305.067	.247
311.1	8.6555	35.258	37.208	8.622	27.394	316.217	.943
322.0	8.6470	35.260	37.207	8.612	27.397	327.367	.732
333.4	8.6445	35.262	37.211	8.609	27.399	338.517	.708
344.9	8.6084	35.256	37.177	8.571	27.400	349.667	.855
356.3	8.5935	35.256	37.168	8.555	27.403	360.800	.563
367.7	8.5810	35.255	37.160	8.542	27.404	371.933	.379
379.2	8.5737	35.255	37.164	8.539	27.404	383.067	.726
390.4	8.5665	35.254	37.156	8.525	27.405	394.200	.643
401.9	8.5615	35.255	37.157	8.518	27.407	405.333	.735
413.9	8.5575	35.257	37.160	8.513	27.408	416.467	.599
425.1	8.5550	35.257	37.160	8.506	27.410	427.600	.384
437.0	8.5558	35.258	37.170	8.509	27.410	438.733	.441
448.2	8.5387	35.256	37.157	8.491	27.411	449.867	.750
460.0	8.5449	35.256	37.168	8.496	27.410	461.000	.801
472.0	8.4985	35.248	37.123	8.448	27.411	472.133	.446
484.3	8.5137	35.256	37.155	8.468	27.414	483.267	.469
496.3	8.5170	35.254	37.156	8.464	27.413	494.400	.473
507.8	8.5075	35.253	37.151	8.453	27.413	505.533	.473
519.5	8.5011	35.250	37.148	8.445	27.412	516.667	.473
531.1	8.4691	35.249	37.122	8.412	27.416	527.800	.473
543.1	8.4630	35.245	37.118	8.405	27.415	538.933	.473
555.3	8.4430	35.245	37.104	8.383	27.417	550.067	.473
567.2	8.4495	35.245	37.116	8.389	27.417	561.200	.473
578.4	8.4375	35.245	37.109	8.375	27.418	572.333	.473
590.8	8.4216	35.244	37.099	8.358	27.420	583.467	.473
602.6	8.4145	35.242	37.096	8.350	27.420	594.600	.473

TEMPERATURE (dbar)	TEMPERATURE (deg C)	SALINITY (ppt)	CONDUCTIVITY (mmho/cm)	POT. TEMP. (deg C)	SIGMA THETA (gm/m ³)	AVERAGED PRESSURE (dbar)	BUOYANCY (gph)
614.8	8.4025	35.242	37.090	8.336	27.421	605.733	.703
626.8	8.3885	35.238	37.079	8.321	27.421	616.867	.703
638.7	8.3771	35.238	37.079	8.295	27.425	627.000	.703
650.1	8.3259	35.232	37.024	8.256	27.425	638.133	.703
661.1	8.2934	35.229	36.996	8.223	27.428	649.267	.703
672.2	8.2735	35.225	36.979	8.202	27.428	660.400	.703
683.2	8.2634	35.222	36.972	8.190	27.427	671.533	.703
694.3	8.2555	35.222	36.951	8.111	27.431	682.667	.703
705.0	8.2175	35.220	36.938	8.112	27.433	693.800	.703
716.0	8.2065	35.221	36.934	8.129	27.435	704.933	.703
727.0	8.1834	35.221	36.917	8.105	27.439	716.067	.703
738.4	8.1435	35.214	36.879	8.044	27.440	727.200	.703
749.3	8.1229	35.216	36.866	8.013	27.444	738.333	.703
760.7	8.1004	35.214	36.849	8.019	27.446	749.467	.703
771.7	8.0561	35.213	36.811	7.973	27.452	760.600	.703
782.2	8.0227	35.215	36.787	7.939	27.459	771.733	.703
793.3	8.0040	35.216	36.776	7.919	27.463	782.867	.703
804.3	7.9216	35.216	36.747	7.882	27.468	794.000	.703
815.2	7.8216	35.211	36.704	7.834	27.470	805.133	.703
826.1	7.6646	35.208	36.654	7.776	27.477	816.267	.703
837.1	7.7791	35.203	36.575	7.690	27.486	827.400	.703
848.0	7.7552	35.206	36.550	7.665	27.491	838.533	.703
859.4	7.6941	35.204	36.506	7.603	27.499	849.667	.703
870.3	7.6279	35.202	36.448	7.536	27.507	860.800	.703
881.3	7.5216	35.202	36.400	7.479	27.514	871.933	.703
892.3	7.4135	35.189	36.241	7.320	27.523	883.067	.703
903.7	7.3639	35.185	36.202	7.270	27.532	894.200	.703
914.7	7.2686	35.175	36.110	7.174	27.538	905.333	.703
925.3	7.1300	35.172	35.988	7.034	27.549	916.467	.703
936.8	7.0239	35.180	36.078	6.950	27.556	927.600	.703
947.4	6.9466	35.168	35.913	6.895	27.564	938.733	.703
958.4	6.9229	35.167	35.867	6.835	27.571	949.867	.703
969.0	6.9290	35.159	35.806	6.831	27.574	960.000	.703
980.2	6.8800	35.159	35.766	6.781	27.581	971.133	.703
991.5	6.8655	35.161	35.756	6.766	27.584	982.267	.703
1002.4	6.8661	35.160	35.755	6.767	27.584	993.400	.703



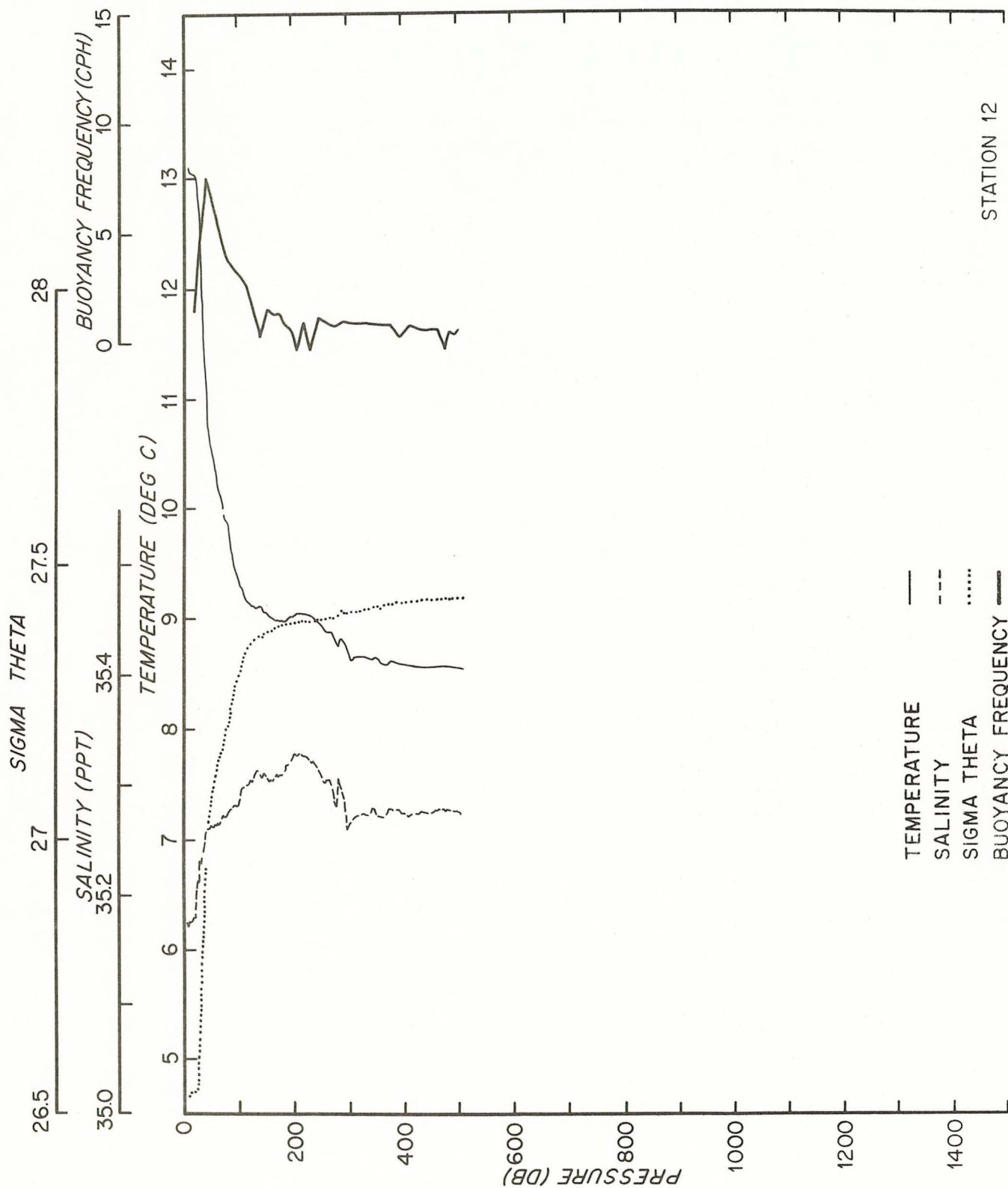
STATION 11

NO LISTING AVAILABLE



STATION 12

NO LISTING AVAILABLE



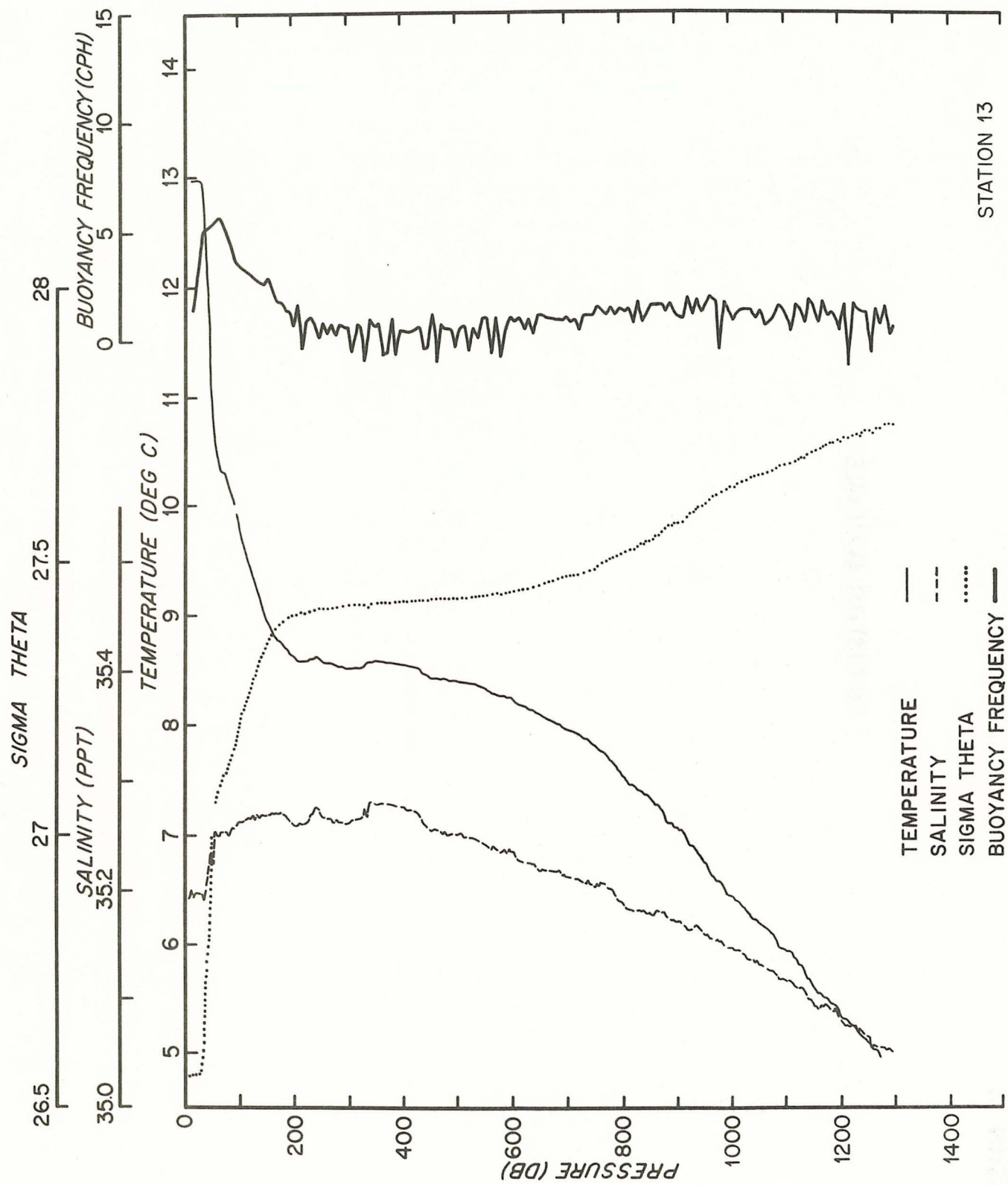
STATION 13

TEMPERATURE (deg C)	SALINITY (ppt)	CONDUCTIVITY (mmho/cm)	POT. TEMP. (deg C)	SIGMA THETA (gm/m ³)	AVERAGED PRESSURE (dbar)	BUOYANCY FREQUENCY (cpH)
1001.5	6.4520	35.146	6.357	27.629	997.700	.962
1009.8	6.4190	35.146	6.323	27.623	1005.65	1.401
1018.4	6.3574	35.141	6.261	27.638	1014.08	1.514
1026.8	6.3130	35.140	6.216	27.642	1022.60	1.482
1033.7	6.2735	35.137	6.176	27.646	1030.23	1.437
1042.7	6.2466	35.136	6.149	27.688	1038.20	1.071
1050.9	6.2050	35.135	6.106	27.653	1046.83	1.452
1059.4	6.1805	35.131	6.081	27.653	1055.17	.720
1066.6	6.1550	35.129	6.055	27.655	1063.02	.929
1075.1	6.1257	35.127	6.025	27.657	1070.87	1.114
1084.3	6.0410	35.121	5.941	27.663	1078.72	1.073
1090.9	5.9929	35.118	5.882	27.667	1087.63	1.584
1095.8	5.9635	35.115	5.868	27.671	1095.38	1.221
1108.3	5.9609	35.118	5.859	27.671	1104.07	.588
1116.1	5.9345	35.114	5.792	27.677	1112.22	1.075
1123.9	5.9450	35.112	5.742	27.682	1120.03	1.539
1131.9	5.9165	35.109	5.713	27.683	1127.92	.944
1140.3	5.7161	35.103	5.613	27.650	1136.08	1.981
1148.2	5.6460	35.098	5.543	27.656	1144.23	1.680
1156.3	5.5945	35.091	5.491	27.696	1152.27	.909
1164.9	5.5515	35.095	5.447	27.705	1160.60	1.908
1172.1	5.5406	35.097	5.436	27.708	1168.47	1.210
1180.8	5.4715	35.090	5.366	27.711	1176.42	1.394
1189.8	5.4645	35.093	5.359	27.714	1185.27	1.132
1196.3	5.3947	35.080	5.289	27.713	1193.03	.504
1204.8	5.3387	35.080	5.232	27.719	1200.55	1.742
1212.6	5.3405	35.076	5.233	27.716	1208.68	1.160
1220.9	5.2836	35.076	5.176	27.723	1216.72	1.847
1230.0	5.2365	35.075	5.159	27.727	1225.43	1.457
1237.4	5.1845	35.072	5.078	27.731	1233.70	1.483
1245.5	5.1520	35.071	5.044	27.734	1241.43	1.316
1254.3	5.1045	35.061	4.996	27.732	1249.88	.444
1262.2	5.0525	35.059	4.943	27.737	1258.23	1.575
1270.7	5.0182	35.055	4.909	27.738	1266.45	.905
1278.7	4.9747	35.056	4.865	27.743	1274.70	1.685
1287.0	4.9641	35.054	4.853	27.743	1282.83	.307
1293.0	4.9431	35.052	4.832	27.744	1290.00	.801

STATION 13

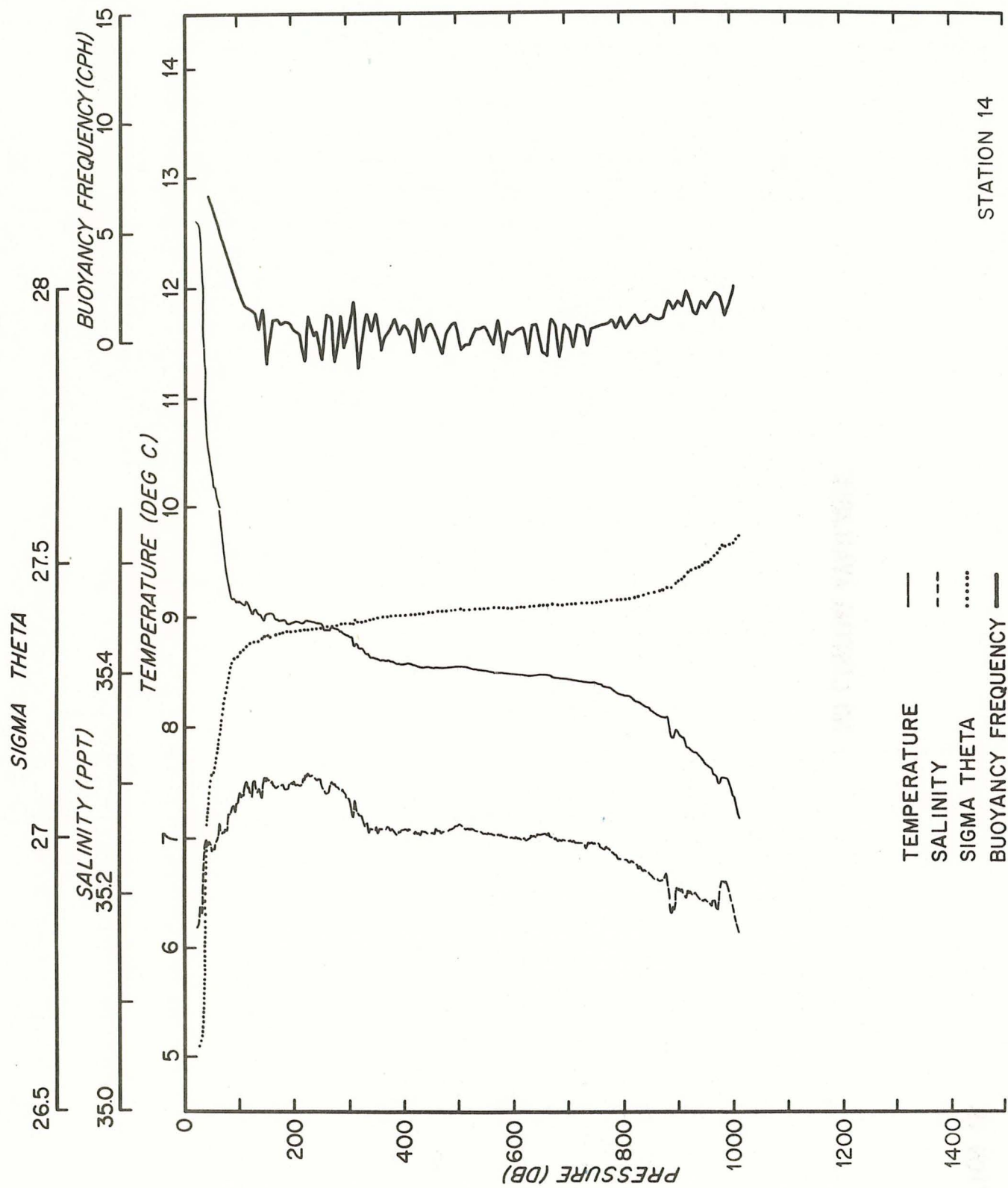
TEMPERATURE (deg C)	SALINITY (ppt)	CONDUCTIVITY (mmho/cm)	POT. TEMP. (deg C)	SIGMA THETA (gm/m ³)	AVERAGED PRESSURE (dbar)	BUOYANCY (gph)
4.5	35.19393	41.181	13.007	26.552		
8.7	35.10085	35.198	26.552	26.552		
8.7	35.19393	35.197	26.552	26.552		
11.6	35.19393	35.197	26.552	26.552		
4.2	35.19393	35.197	26.552	26.552		
73.2	35.19393	35.197	26.552	26.552		
105.1	35.19393	35.197	26.552	26.552		
135.4	35.19393	35.197	26.552	26.552		
143.7	35.19393	35.197	26.552	26.552		
151.6	35.19393	35.197	26.552	26.552		
159.9	35.19393	35.197	26.552	26.552		
167.1	35.19393	35.197	26.552	26.552		
175.8	35.19393	35.197	26.552	26.552		
181.9	35.19393	35.197	26.552	26.552		
185.5	35.19393	35.197	26.552	26.552		
193.2	35.19393	35.197	26.552	26.552		
203.3	35.19393	35.197	26.552	26.552		
213.2	35.19393	35.197	26.552	26.552		
221.1	35.19393	35.197	26.552	26.552		
228.7	35.19393	35.197	26.552	26.552		
236.0	35.19393	35.197	26.552	26.552		
243.8	35.19393	35.197	26.552	26.552		
251.2	35.19393	35.197	26.552	26.552		
259.3	35.19393	35.197	26.552	26.552		
267.1	35.19393	35.197	26.552	26.552		
274.8	35.19393	35.197	26.552	26.552		
282.1	35.19393	35.197	26.552	26.552		
290.4	35.19393	35.197	26.552	26.552		
298.1	35.19393	35.197	26.552	26.552		
306.2	35.19393	35.197	26.552	26.552		
313.7	35.19393	35.197	26.552	26.552		
321.1	35.19393	35.197	26.552	26.552		
329.4	35.19393	35.197	26.552	26.552		
337.5	35.19393	35.197	26.552	26.552		
345.8	35.19393	35.197	26.552	26.552		
353.0	35.19393	35.197	26.552	26.552		
362.4	35.19393	35.197	26.552	26.552		
370.2	35.19393	35.197	26.552	26.552		
378.4	35.19393	35.197	26.552	26.552		
386.7	35.19393	35.197	26.552	26.552		
395.0	35.19393	35.197	26.552	26.552		
403.3	35.19393	35.197	26.552	26.552		
412.4	35.19393	35.197	26.552	26.552		
420.5	35.19393	35.197	26.552	26.552		
428.5	35.19393	35.197	26.552	26.552		
436.8	35.19393	35.197	26.552	26.552		
445.2	35.19393	35.197	26.552	26.552		
452.6	35.19393	35.197	26.552	26.552		
460.7	35.19393	35.197	26.552	26.552		
469.4	35.19393	35.197	26.552	26.552		
478.2	35.19393	35.197	26.552	26.552		
485.9	35.19393	35.197	26.552	26.552		
494.3	35.19393	35.197	26.552	26.552		
502.8	35.19393	35.197	26.552	26.552		
511.7	35.19393	35.197	26.552	26.552		
519.2	35.19393	35.197	26.552	26.552		
527.5	35.19393	35.197	26.552	26.552		

TEMPERATURE (deg C)	SALINITY (ppt)	CONDUCTIVITY (mmho/cm)	POT. TEMP. (deg C)	SIGMA THETA (gm/m ³)	AVERAGED PRESSURE (dbar)	BUOYANCY (gph)
4.5	35.19393	41.181	13.007	26.552		
8.7	35.10085	35.198	26.552	26.552		
8.7	35.19393	35.197	26.552	26.552		
11.6	35.19393	35.197	26.552	26.552		
4.2	35.19393	35.197	26.552	26.552		
73.2	35.19393	35.197	26.552	26.552		
105.1	35.19393	35.197	26.552	26.552		
135.4	35.19393	35.197	26.552	26.552		
143.7	35.19393	35.197	26.552	26.552		
151.6	35.19393	35.197	26.552	26.552		
159.9	35.19393	35.197	26.552	26.552		
167.1	35.19393	35.197	26.552	26.552		
175.8	35.19393	35.197	26.552	26.552		
181.9	35.19393	35.197	26.552	26.552		
185.5	35.19393	35.197	26.552	26.552		
193.2	35.19393	35.197	26.552	26.552		
203.3	35.19393	35.197	26.552	26.552		
213.2	35.19393	35.197	26.552	26.552		
221.1	35.19393	35.197	26.552	26.552		
228.7	35.19393	35.197	26.552	26.552		
236.0	35.19393	35.197	26.552	26.552		
243.8	35.19393	35.197	26.552	26.552		
251.2	35.19393	35.197	26.552	26.552		
259.3	35.19393	35.197	26.552	26.552		
267.1	35.19393	35.197	26.552	26.552		
274.8	35.19393	35.197	26.552	26.552		
282.1	35.19393	35.197	26.552	26.552		
290.4	35.19393	35.197	26.552	26.552		
298.1	35.19393	35.197	26.552	26.552		
306.2	35.19393	35.197	26.552	26.552		
313.7	35.19393	35.197	26.552	26.552		
321.1	35.19393	35.197	26.552	26.552		
329.4	35.19393	35.197	26.552	26.552		
337.5	35.19393	35.197	26.552	26.552		
345.8	35.19393	35.197	26.552	26.552		
353.0	35.19393	35.197	26.552	26.552		
362.4	35.19393	35.197	26.552	26.552		
370.2	35.19393	35.197	26.552	26.552		
378.4	35.19393	35.197	26.552	26.552		
386.7	35.19393	35.197	26.552	26.552		
395.0	35.19393	35.197	26.552	26.552		
403.3	35.19393	35.197	26.552	26.552		
412.4	35.19393	35.197	26.552	26.552		
420.5	35.19393	35.197	26.552	26.552		
428.5	35.19393	35.197	26.552	26.552		
436.8	35.19393	35.197	26.552	26.552		
445.2	35.19393	35.197	26.552	26.552		
452.6	35.19393	35.197	26.552	26.552		
460.7	35.19393	35.197	26.552	26.552		
469.4	35.19393	35.197	26.552	26.552		
478.2	35.19393	35.197	26.552	26.552		
485.9	35.19393	35.197	26.552	26.552		
494.3	35.19393	35.197	26.552	26.552		
502.8	35.19393	35.197	26.552	26.552		
511.7	35.19393	35.197	26.552	26.552		
519.2	35.19393	35.197	26.552	26.552		
527.5	35.19393	35.197	26.552	26.552		



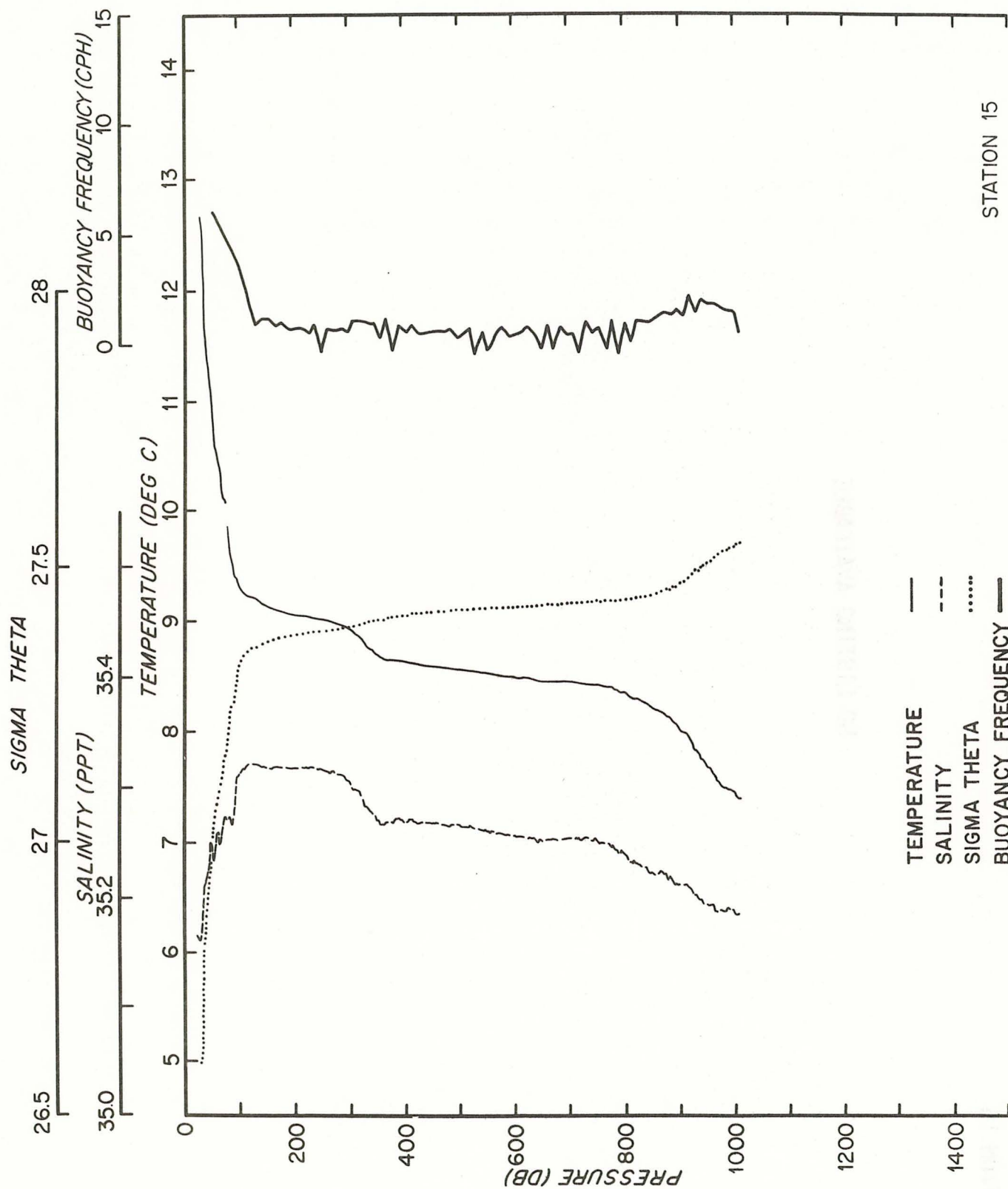
STATION 14

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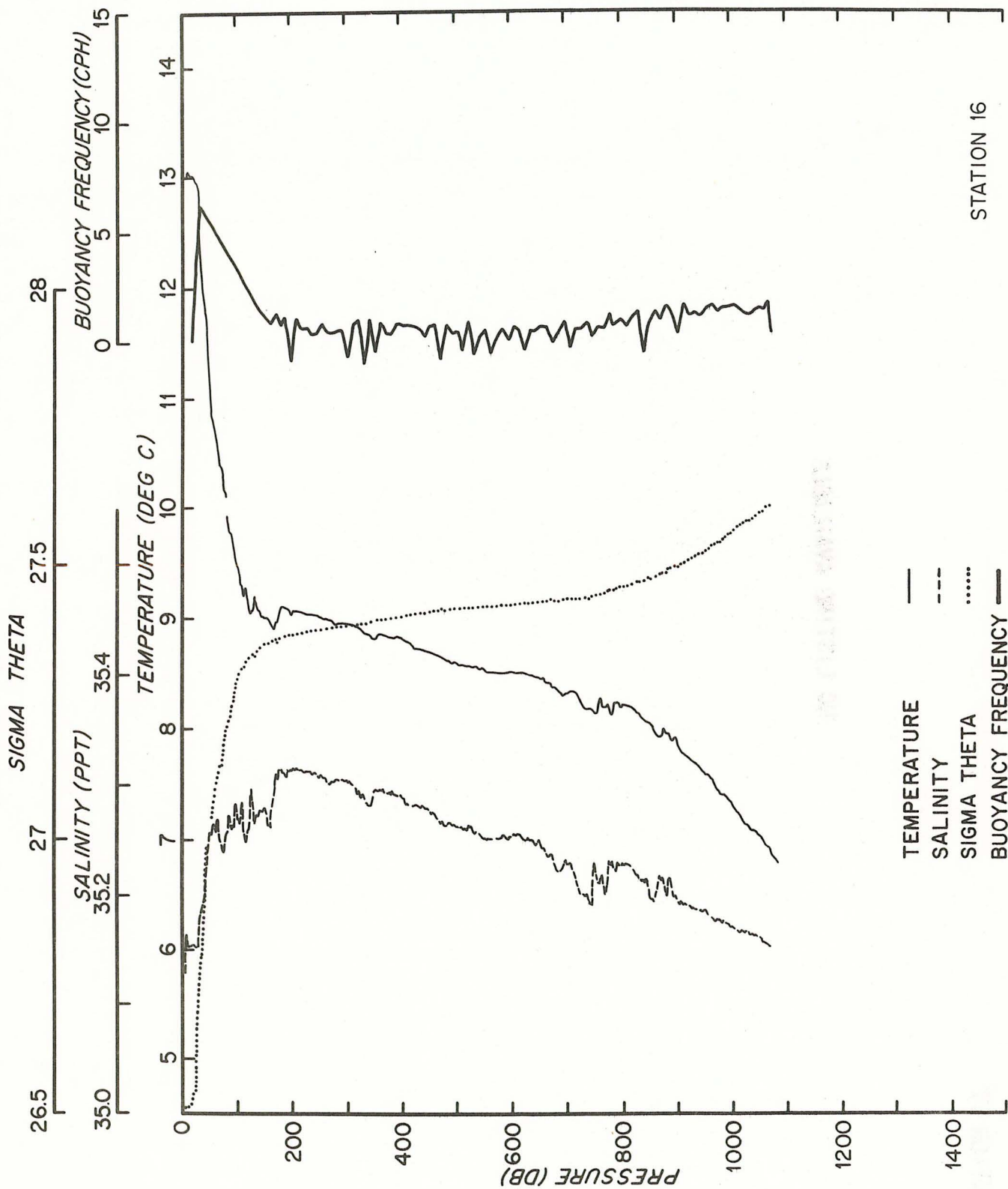
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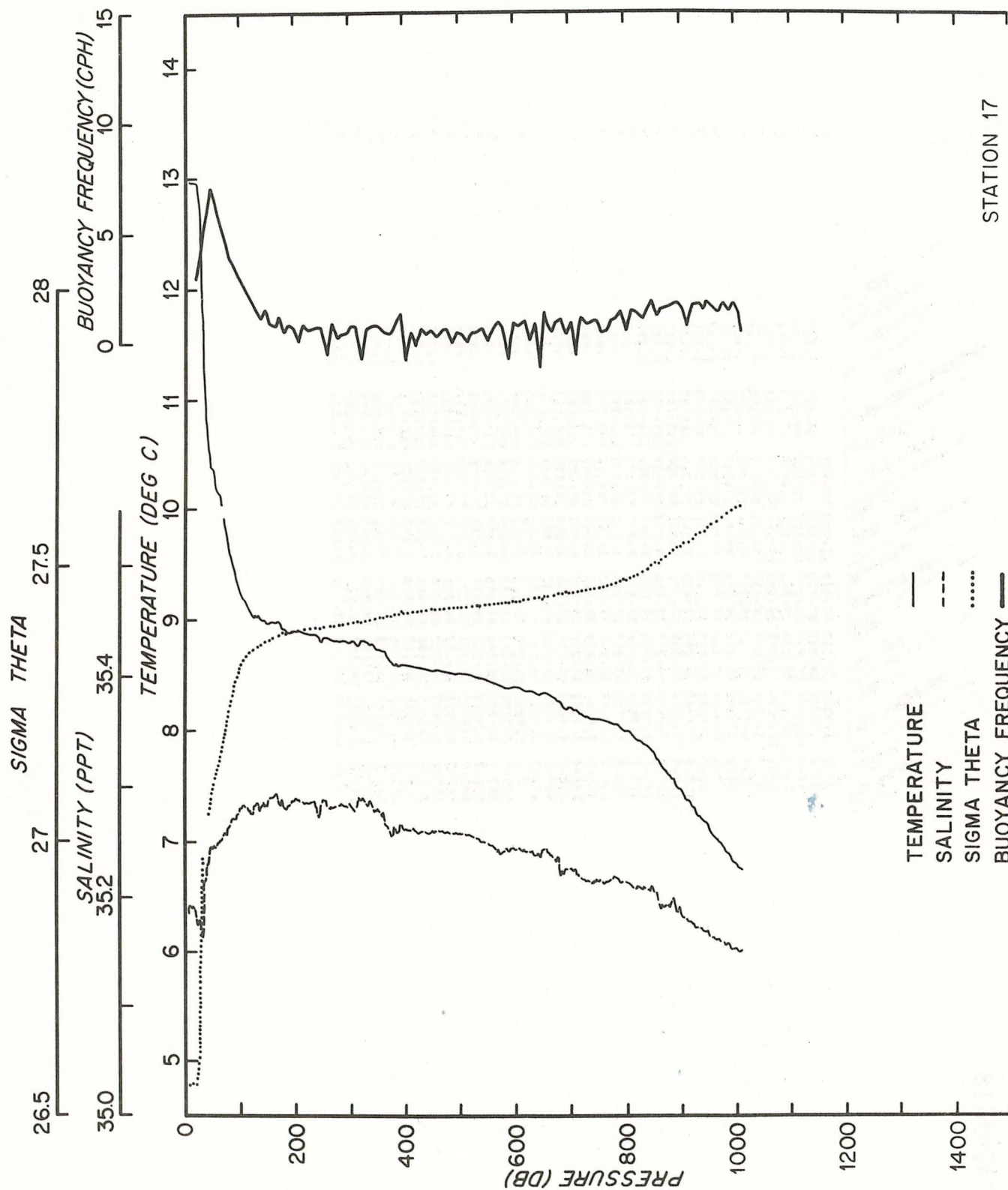
STATION 16

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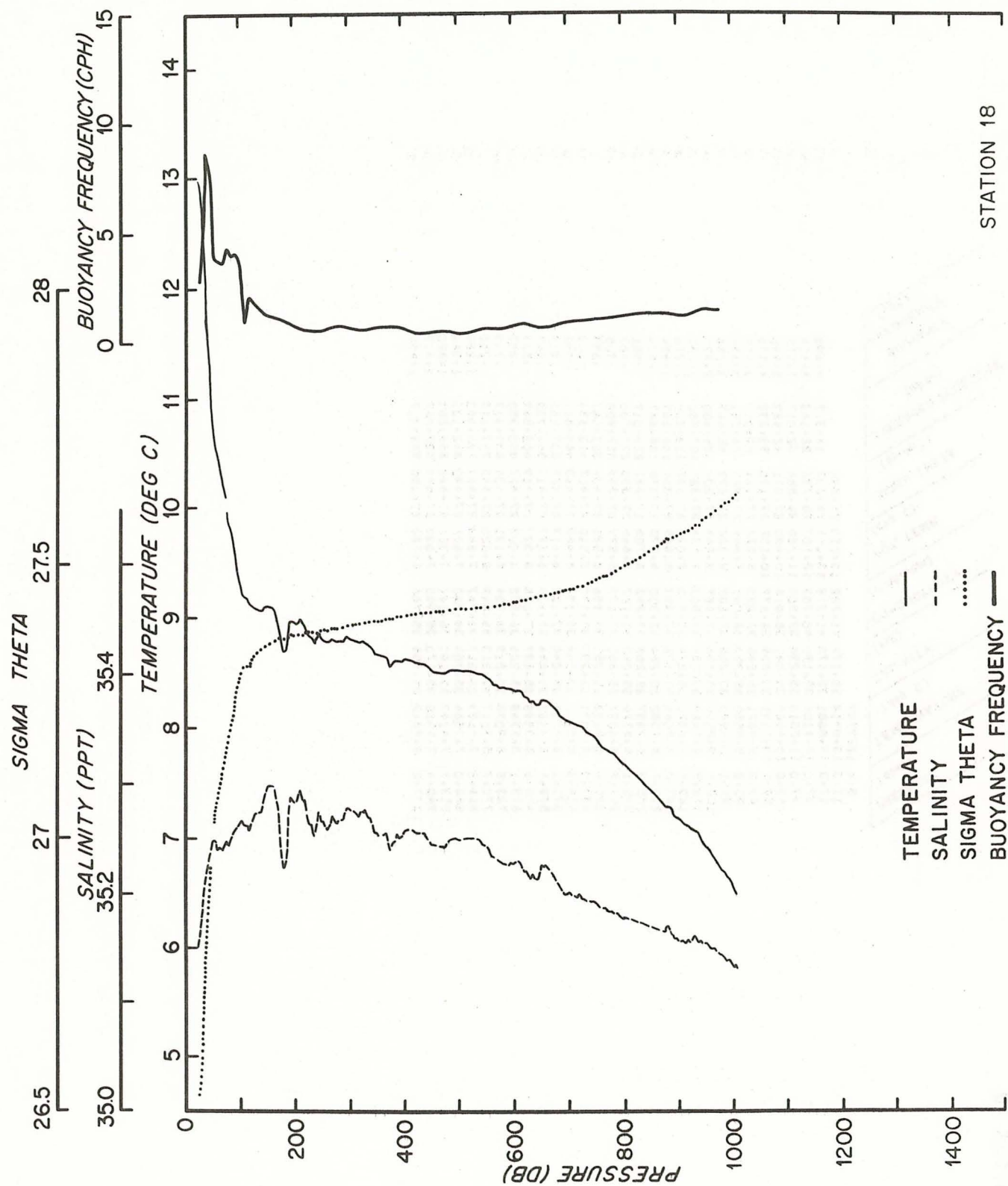
STATION 17

NO LISTING AVAILABLE



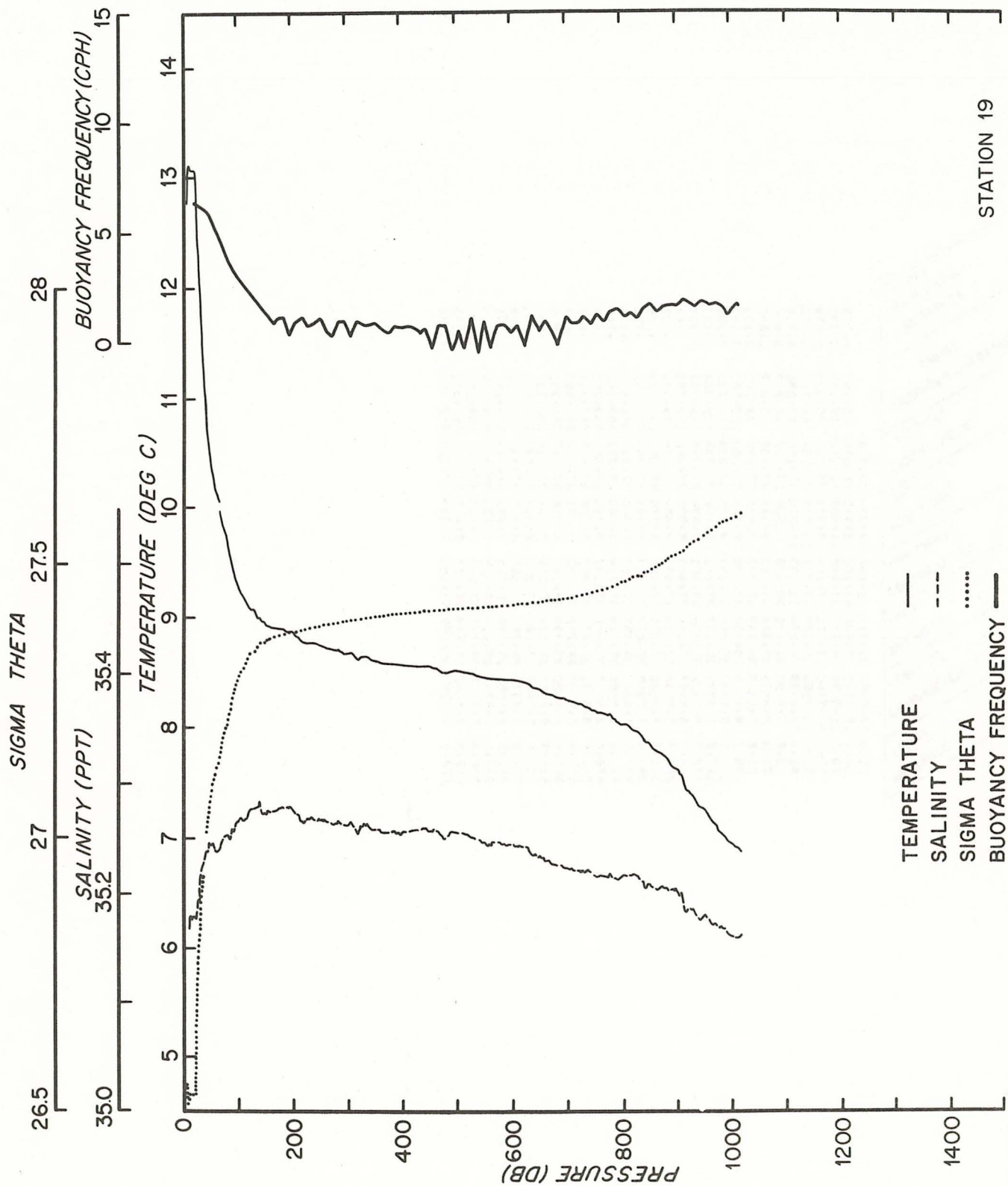
STATION 18

TEMPERATURE (deg C)	SALINITY (ppt)	CONDUCTIVITY (mmho/cm)	POT. TEMP. (deg C)	SIGMA THETA (gm/m ³)	AVERAGED PRESSURE (dbar)	BUOYANCY (gph)
30.5	35.192	40.529	12.330	26.691	8.827	8.827
38.0	35.223	39.750	11.486	25.876	34.233	7.879
46.3	35.244	39.015	10.693	27.038	42.133	3.943
54.0	35.249	38.843	10.504	27.075	50.117	3.791
62.4	35.242	38.602	10.255	27.113	58.167	3.704
69.9	35.242	38.432	10.071	27.146	66.150	4.403
78.1	35.247	38.187	9.804	27.195	74.000	4.021
86.3	35.261	38.030	9.621	27.237	82.183	4.160
94.6	35.263	37.793	9.363	27.282	90.467	3.551
102.7	35.269	37.646	9.197	27.314	98.683	2.939
110.9	35.265	37.612	9.161	27.316	106.817	2.197
119.6	35.265	37.541	9.081	27.329	115.250	1.977
127.2	35.275	37.546	9.072	27.338	123.417	1.378
161.6	35.300	37.586	9.067	27.358	144.433	1.134
196.1	35.291	37.472	8.937	27.371	178.883	.683
231.8	35.259	37.290	8.755	27.375	213.983	.640
267.2	35.271	37.350	8.785	27.379	249.517	.863
301.5	35.279	37.365	8.773	27.387	284.333	.647
337.3	35.270	37.309	8.703	27.390	319.400	.886
372.9	35.243	37.136	8.525	27.396	355.133	.821
409.5	35.263	37.220	8.573	27.404	391.233	.648
446.1	35.247	37.138	8.481	27.405	427.800	.731
483.1	35.252	37.161	8.478	27.410	464.583	.794
520.0	35.253	37.161	8.464	27.412	501.567	1.061
555.7	35.240	37.085	8.368	27.416	537.883	1.139
593.2	35.231	37.022	8.289	27.420	574.683	1.280
630.7	35.222	36.930	8.178	27.430	611.983	1.481
667.9	35.219	36.895	8.122	27.436	649.300	1.413
705.2	35.202	36.748	7.962	27.446	686.533	1.365
741.5	35.196	36.653	7.845	27.459	723.333	1.705
777.9	35.185	36.506	7.679	27.474	759.700	1.676
812.5	35.170	36.503	7.208	27.530	825.417	
877.1	35.163	35.993	7.083	27.543	885.000	
928.0	35.164	35.908	6.974	27.558	912.550	
958.3	35.153	35.706	6.750	27.581	943.150	
990.5	35.143	35.502	6.522	27.604	974.400	



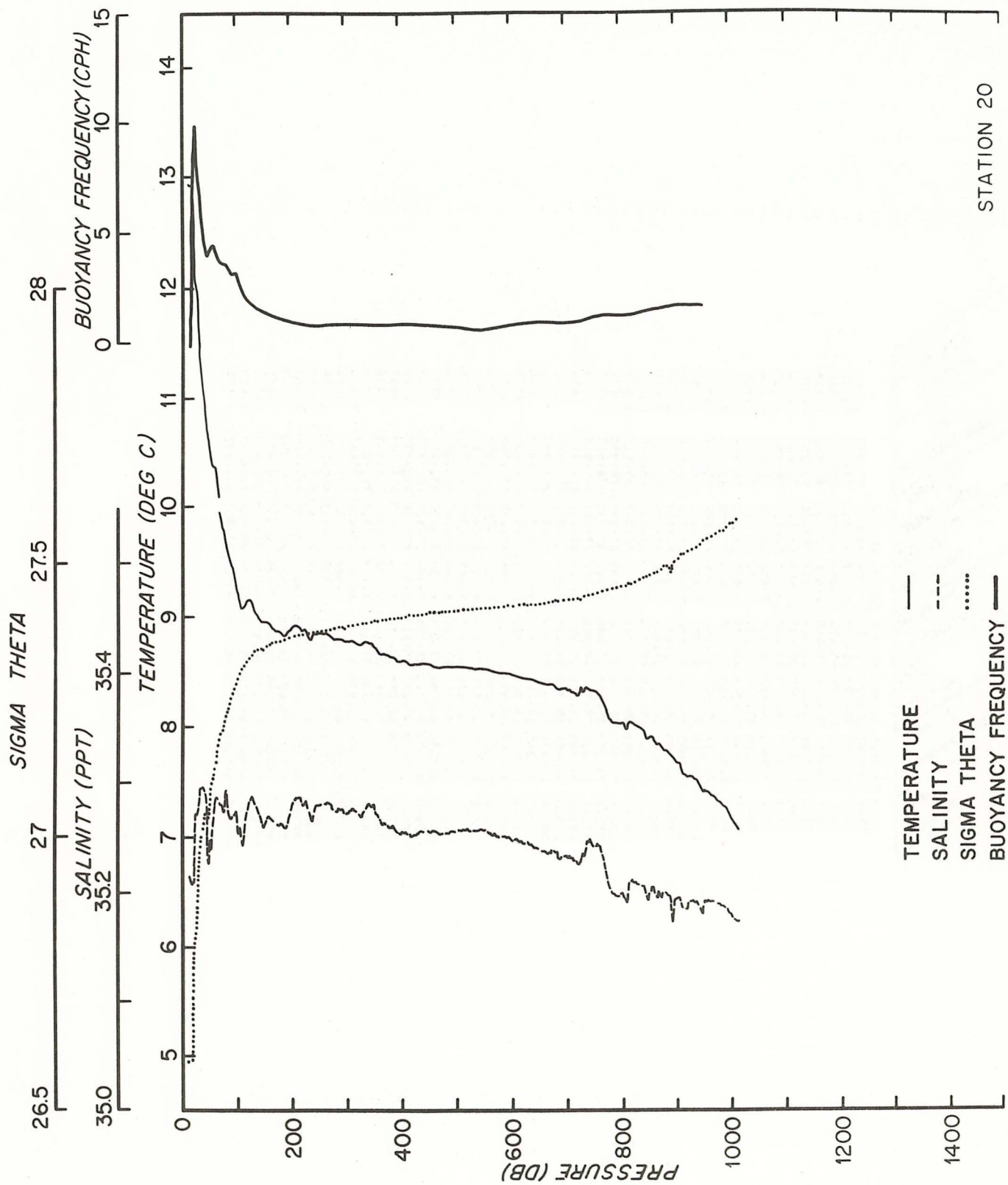
STATION 19

PRESSURE (dbar)	TEMPERATURE (deg C)	SALINITY (psu)	CONDUCTIVITY (mmho/cm)	POT. TEMP. (deg C)	SIGMA THERA (gm/m ³)	AVERAGED PRESSURE (dbar)	BUOYANCY (gph)
5.4	12.7797	35.177	41.222	13.070	26.533		
11.3	13.0718	35.175	41.218	13.066	26.532	14.317	6.698
17.3	13.0681	35.175	41.218	13.066	26.532	22.183	8.104
27.0	12.1102	35.190	40.309	12.107	26.733	32.017	7.879
37.0	11.2310	35.228	38.504	11.226	26.928	42.483	6.440
48.0	10.9600	35.241	38.818	10.950	27.071	53.333	4.188
58.7	10.1391	35.236	38.477	10.132	27.130	64.017	3.917
69.3	9.5871	35.246	38.252	9.579	27.181	74.783	3.558
80.2	9.5522	35.250	38.041	9.546	27.225	85.667	3.788
91.1	9.3920	35.256	37.802	9.382	27.273	96.600	2.979
102.1	9.2549	35.266	37.687	9.244	27.304	107.500	2.281
115.9	9.1469	35.266	37.589	9.134	27.321	118.200	2.216
123.5	9.0873	35.274	37.545	9.074	27.337	145.267	1.454
167.0	8.9068	35.272	37.393	8.889	27.365	188.867	.924
210.7	8.7982	35.264	37.302	8.775	27.376	233.017	.951
255.3	8.7337	35.265	37.283	8.706	27.387	277.700	.707
308.1	8.6778	35.262	37.227	8.646	27.393	322.500	.655
348.9	8.6097	35.255	37.177	8.573	27.399	367.667	.603
390.4	8.5678	35.253	37.156	8.526	27.404	413.683	.592
437.0	8.5571	35.257	37.170	8.510	27.409	460.617	.513
484.3	8.5210	35.254	37.155	8.489	27.413	507.683	.467
531.1	8.4704	35.248	37.122	8.413	27.415	554.733	.507
578.4	8.4388	35.244	37.109	8.377	27.417	602.567	.807
625.8	8.3898	35.237	37.078	8.323	27.419	650.950	.759
675.1	8.2748	35.224	36.979	8.203	27.427	699.317	.950
723.5	8.2078	35.219	36.934	8.131	27.434	747.117	1.288
770.7	8.1017	35.213	36.849	8.020	27.445	794.483	1.366
818.2	7.9689	35.213	36.747	7.883	27.447	842.133	1.620
866.0	7.7564	35.204	36.560	7.686	27.450	889.883	1.619
913.7	7.4147	35.181	36.241	7.322	27.522	937.067	1.460
960.4	7.1312	35.170	35.988	7.035	27.554	983.817	
1007.2	6.8812	35.158	35.766	6.782	27.580		



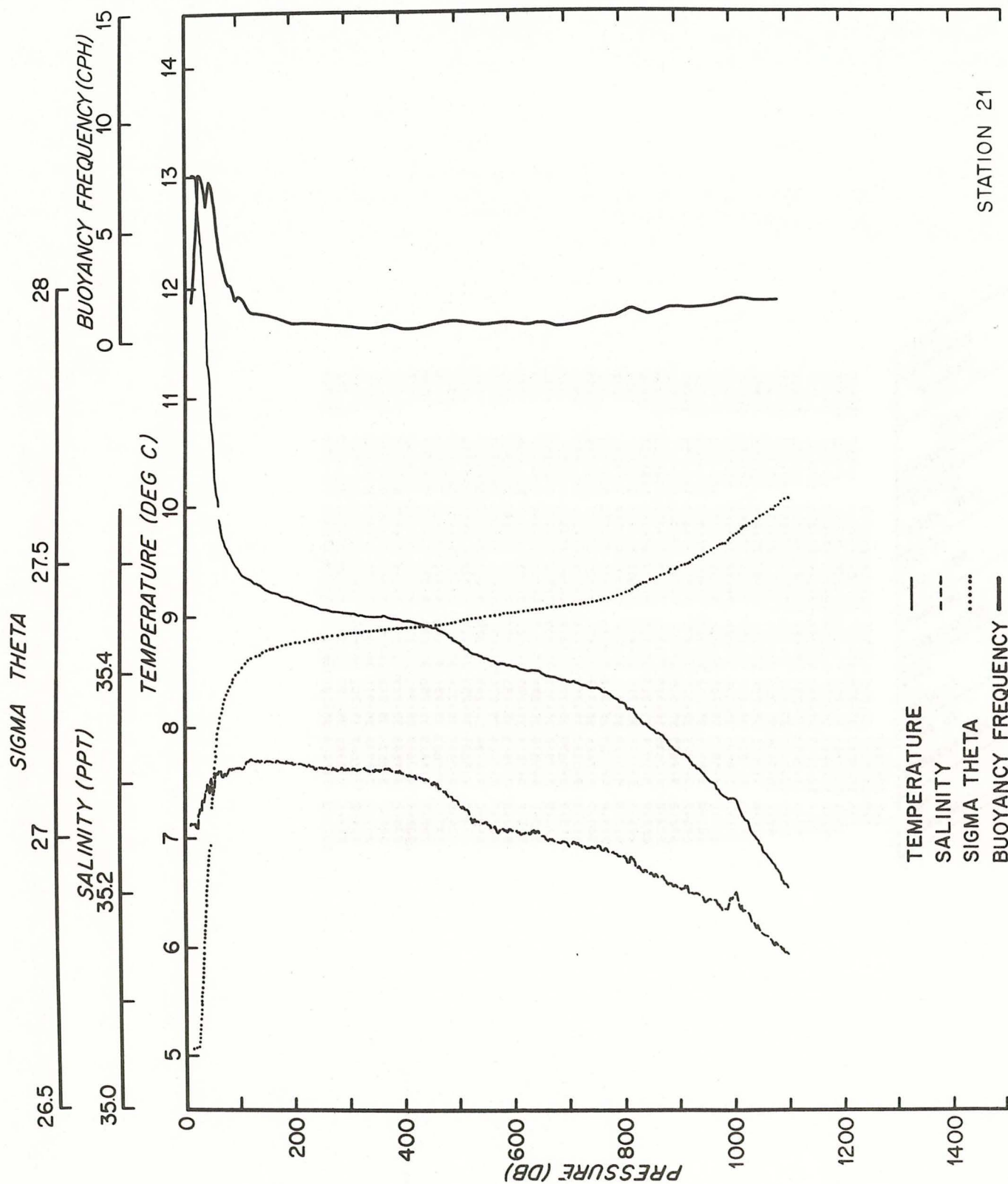
STATION 20

PRESSURE (dbar)	TEMPERATURE (deg C)	SALINITY (ppt)	CONDUCTIVITY (mmho/cm)	POT. TEMP. (deg C)	SIGMA THETA (gm/m ³)	AVERAGED PRESSURE (dbar)	BUOYANCY (gph)
11.6	12.9352	35.213	41.126	12.934	26.588	88	0.293
19.7	12.0132	35.207	41.102	12.910	26.588	15.667	0.293
30.6	11.5599	35.295	39.885	11.559	26.919	25.167	9.793
41.0	10.160	35.290	39.266	10.911	27.054	35.800	5.956
51.9	10.4256	35.239	38.751	10.419	27.083	46.417	3.773
62.6	10.489	35.286	38.633	10.242	27.150	57.250	4.458
73.8	9.6165	35.272	38.308	9.908	27.197	68.217	3.669
84.3	9.6554	35.268	38.060	9.646	27.239	79.067	3.552
95.2	9.6589	35.269	37.879	9.448	27.272	89.783	3.133
106.2	9.1774	35.252	37.602	9.166	27.306	100.700	3.163
117.3	9.1489	35.269	37.596	9.136	27.323	111.733	2.255
127.9	9.1723	35.287	37.641	9.158	27.334	122.583	1.777
170.9	8.9128	35.262	37.391	8.894	27.356	149.367	1.327
214.7	8.9458	35.285	37.463	8.922	27.368	192.783	0.964
258.7	8.8868	35.280	37.423	8.859	27.374	236.683	0.708
301.7	8.8028	35.271	37.354	8.770	27.381	280.183	0.756
344.6	8.7915	35.277	37.369	8.754	27.386	323.133	0.755
387.7	8.6647	35.257	37.250	8.623	27.392	366.133	0.681
431.5	8.6088	35.254	37.214	8.562	27.399	409.583	0.748
475.0	8.5668	35.252	37.192	8.516	27.404	453.250	0.675
519.9	8.5583	35.256	37.207	8.502	27.408	497.667	0.584
564.4	8.5307	35.252	37.197	8.470	27.409	542.167	0.412
609.4	8.4820	35.246	37.166	8.416	27.412	586.500	0.591
654.9	8.4046	35.238	37.105	8.334	27.418	632.133	0.696
701.1	8.3478	35.232	37.067	8.273	27.422	677.883	0.665
746.3	8.3374	35.241	37.085	8.257	27.431	723.700	0.804
792.2	8.0282	35.196	36.774	7.945	27.443	769.267	1.131
837.0	7.9708	35.205	36.748	7.883	27.459	814.617	1.105
882.8	7.7748	35.196	36.577	7.683	27.481	859.500	1.367
927.8	7.4467	35.192	36.380	7.451	27.511	905.500	1.573
972.1	7.4350	35.189	36.200	7.236	27.540	949.983	1.558



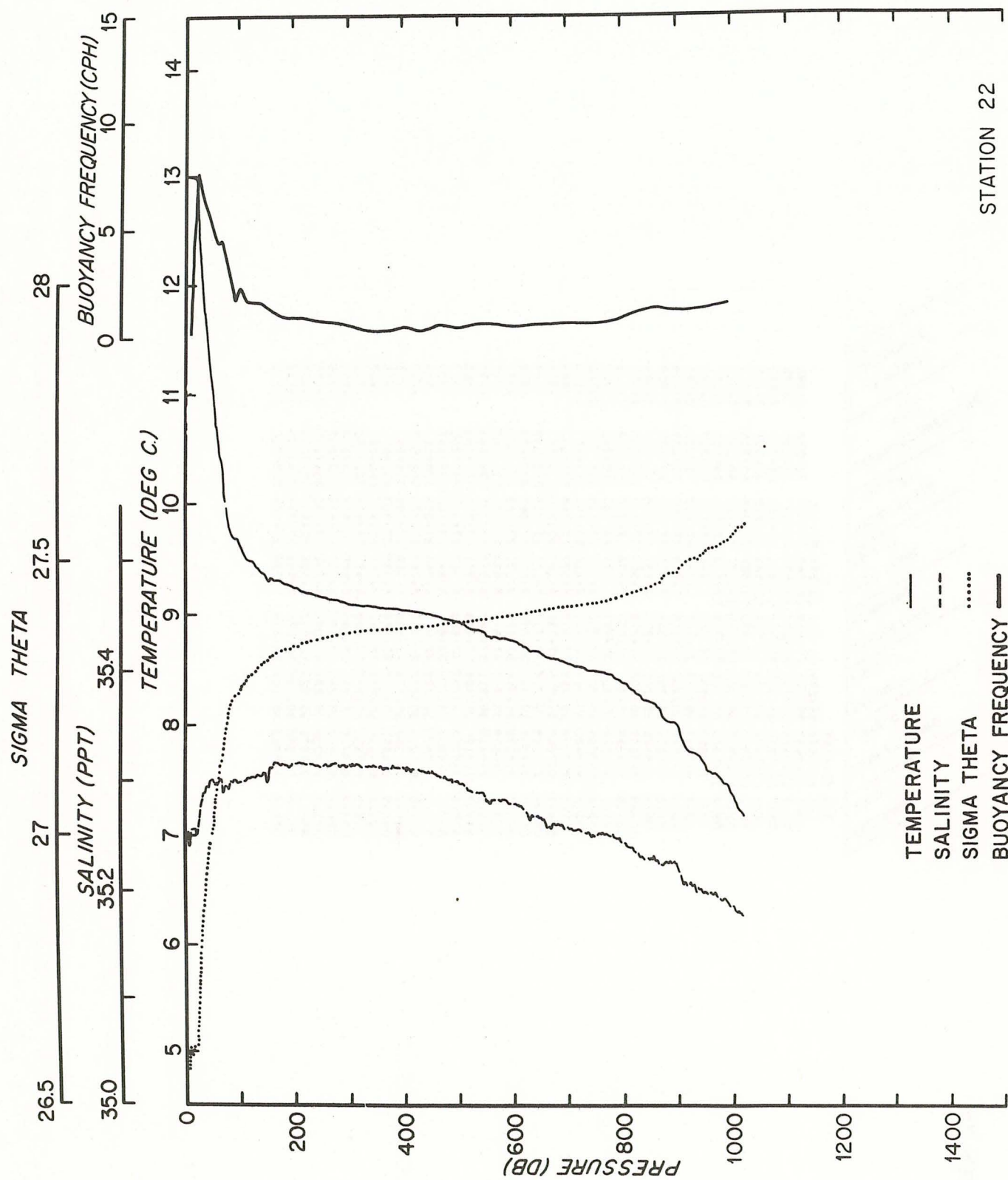
STATION 21

PRESSURE (dbar)	TEMPERATURE (deg C)	SALINITY (ppt)	CONDUCTIVITY (mmho/cm)	POT. TEMP. (deg C)	SIGMA THETA (gm/m ³)	AVERAGED PRESSURE (dbar)	BUOYANCY FREQUENCY (gph)
12.2	13.0283	35.290	41.266	13.027	26.606	15.333	1.690
15.4	13.0081	35.262	41.251	13.006	26.611	15.333	1.690
25.6	12.7998	35.257	41.040	12.789	26.651	22.017	4.139
22.8	12.1981	35.274	40.479	12.190	26.781	29.200	7.580
40.1	11.6156	35.252	39.545	11.615	26.905	36.450	7.339
46.6	11.2221	35.254	39.566	11.216	26.981	43.367	6.070
54.6	10.4616	35.287	38.833	10.455	27.113	50.600	7.276
61.5	10.0639	35.309	38.438	10.077	27.197	58.080	6.189
68.7	9.8623	35.310	38.289	9.852	27.236	65.117	4.174
75.6	9.7014	35.308	38.138	9.693	27.261	72.150	3.418
83.2	9.6244	35.312	38.073	9.615	27.278	79.400	2.623
90.2	9.5433	35.312	37.999	9.533	27.292	86.717	2.534
97.4	9.5014	35.313	37.963	9.490	27.299	93.833	1.801
104.7	9.4428	35.311	37.909	9.431	27.308	101.083	1.593
111.6	9.4099	35.314	37.884	9.397	27.316	108.167	1.371
118.4	9.3853	35.315	37.873	9.376	27.323	115.483	1.153
126.2	9.3740	35.320	37.862	9.360	27.326	122.767	1.583
135.1	9.2846	35.318	37.790	9.269	27.339	140.650	1.621
144.1	9.2245	35.318	37.744	9.204	27.349	169.617	1.075
152.4	9.1859	35.316	37.720	9.163	27.354	198.250	.791
160.8	9.1399	35.314	37.686	9.113	27.360	226.617	.653
169.2	9.1014	35.311	37.660	9.072	27.364	255.517	.738
178.0	9.0799	35.311	37.653	9.047	27.367	284.383	.676
186.2	9.0654	35.312	37.657	9.033	27.370	313.367	.581
194.4	9.0444	35.309	37.643	9.004	27.372	342.283	.510
202.2	9.0269	35.310	37.640	8.982	27.376	371.800	.488
210.2	8.9940	35.306	37.620	8.948	27.377	401.200	.508
218.9	8.9439	35.299	37.585	8.899	27.379	431.550	.561
226.8	8.8662	35.288	37.513	8.816	27.383	461.367	.757
234.6	8.7668	35.275	37.418	8.711	27.389	491.333	.884
242.6	8.6779	35.261	37.335	8.619	27.393	521.700	.728
250.0	8.6225	35.256	37.298	8.566	27.397	551.300	.496
257.9	8.5870	35.254	37.271	8.521	27.402	580.967	.790
265.9	8.5578	35.253	37.256	8.488	27.405	610.917	.666
273.1	8.4992	35.247	37.210	8.427	27.410	640.033	.795
280.0	8.4548	35.241	37.177	8.379	27.413	669.067	.597
287.7	8.4118	35.238	37.148	8.332	27.417	719.333	.735
295.5	8.3655	35.238	37.115	8.279	27.425	751.600	.956
303.4	8.2695	35.232	37.034	8.180	27.435	783.967	1.084
311.9	8.0747	35.217	36.855	7.986	27.452	817.150	1.416
319.0	7.9803	35.213	36.777	7.889	27.463	850.433	1.135
326.1	7.8033	35.203	36.622	7.714	27.481	884.050	1.423
333.4	7.6628	35.195	36.502	7.572	27.498	917.267	1.409
340.3	7.5221	35.192	36.375	7.424	27.515	949.833	1.393
347.6	7.3881	35.186	36.267	7.286	27.538	982.450	1.602
354.1	7.0772	35.172	35.970	6.974	27.563	1015.937	1.757
361.4	6.8277	35.156	35.740	6.723	27.585	1048.777	1.653
368.5	6.6082	35.144	35.540	6.502	27.607	1080.957	1.657



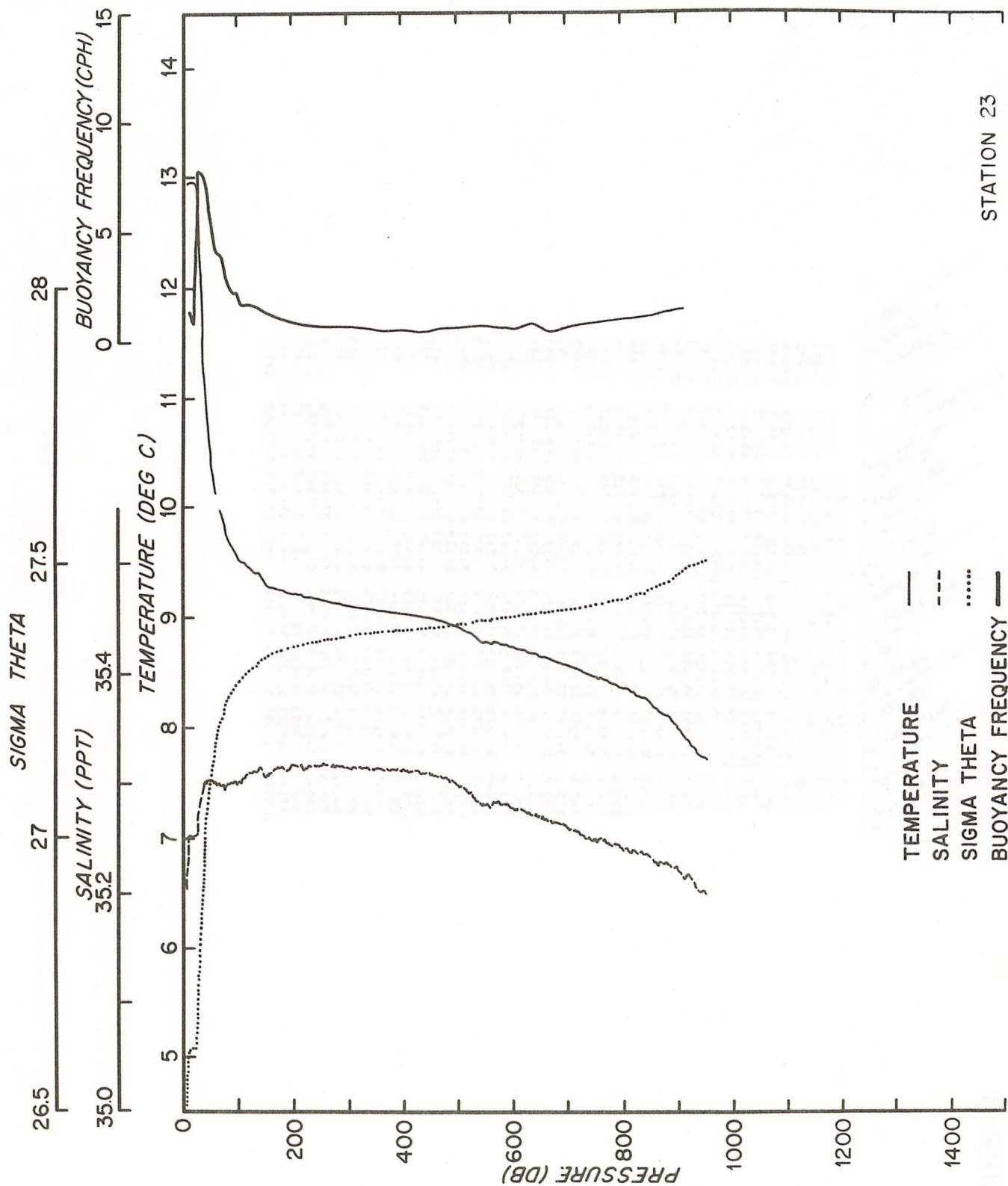
TEMPERATURE (deg C)	SALINITY (ppt)	CONDUCTIVITY (mmho/cm)	POT. TEMP. (deg C)	SIGMA THERTA (gm/m ³)	AVERAGED PRESSURE (dbar)	BUOYANCY FREQUENCY (cpH)
18.0	35.0	10.0	18.0	1020.0	1000.0	1000.0

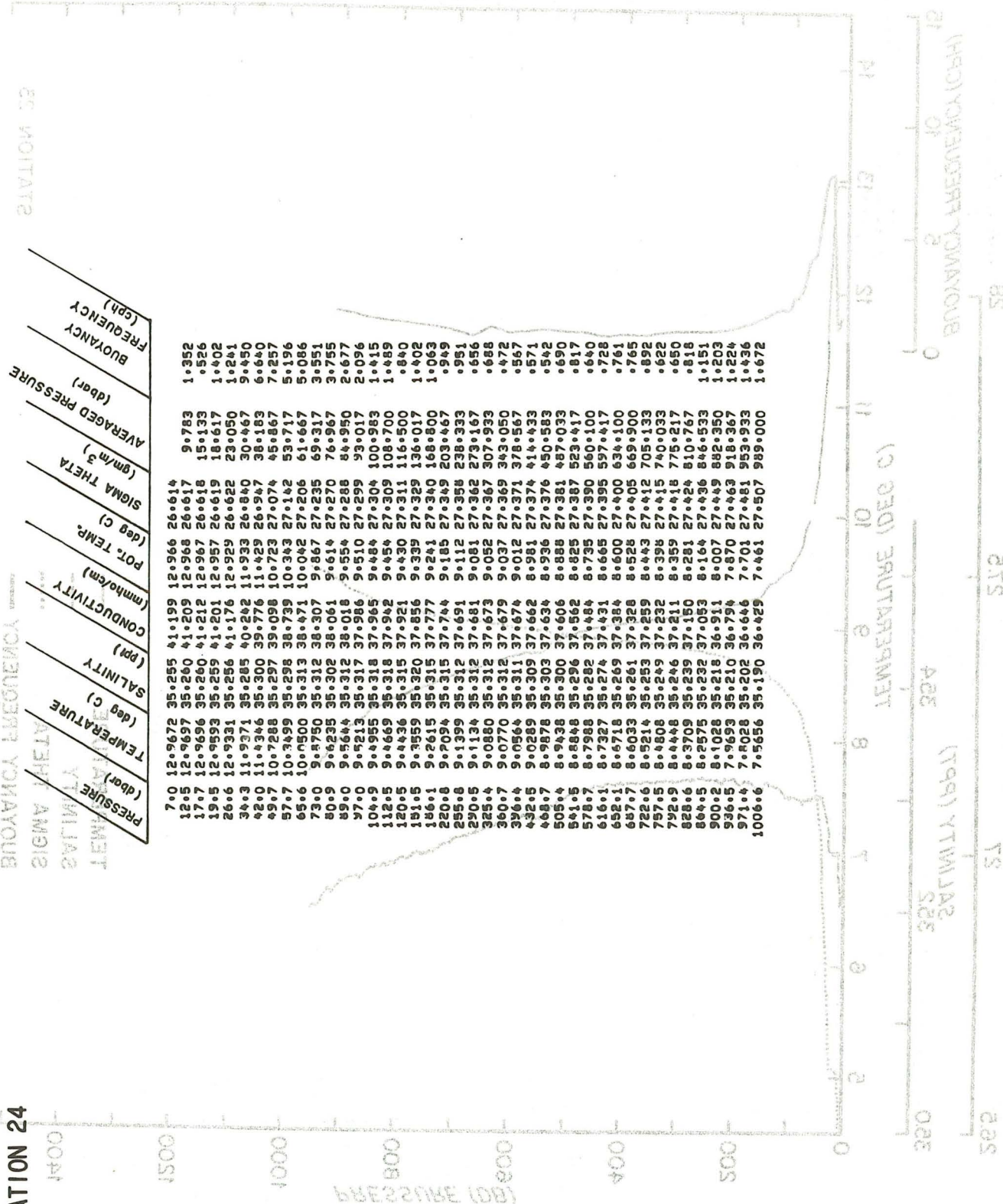
49

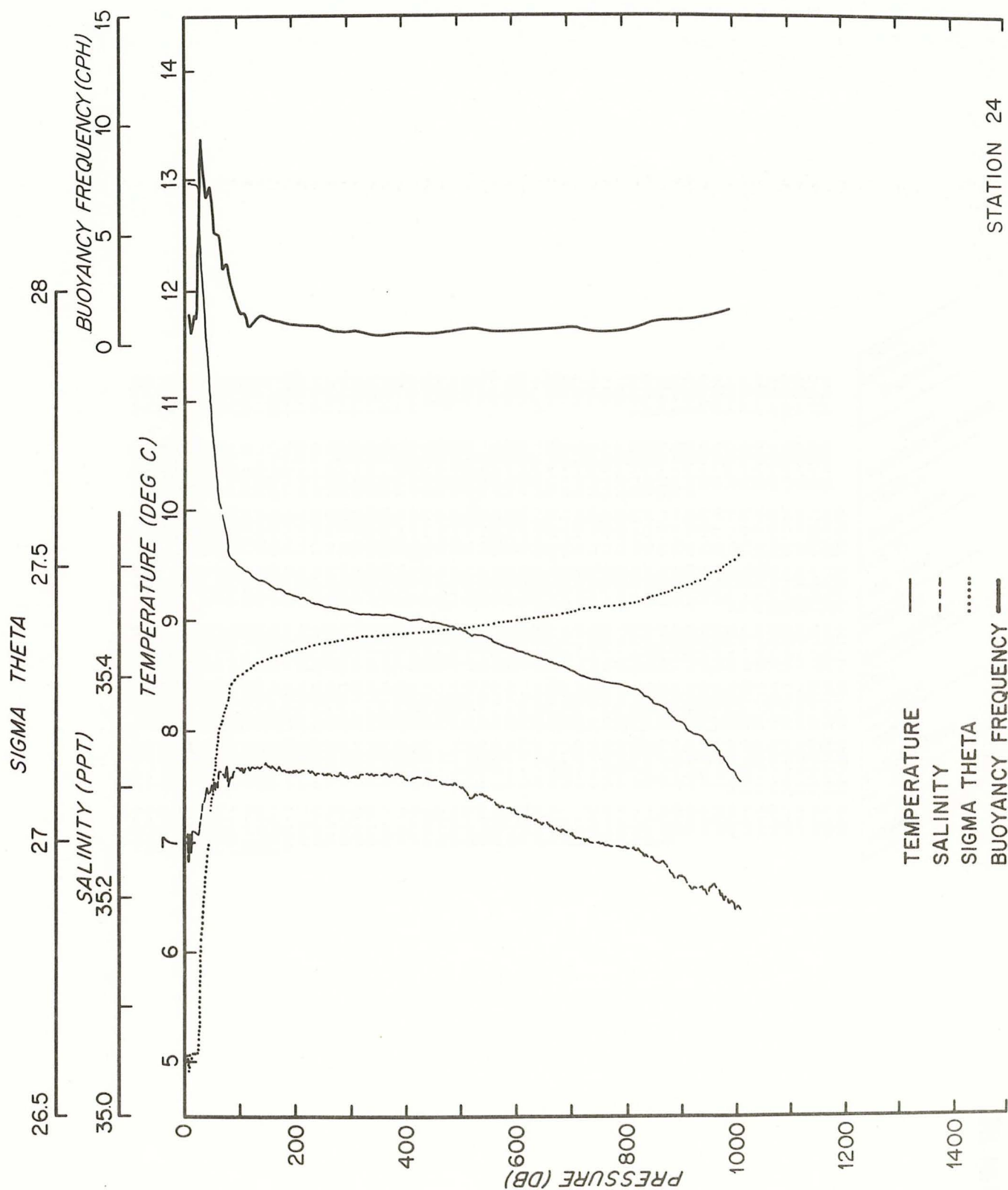


STATION 23

TEMPERATURE (dbar)	TEMPERATURE (deg C)	SALINITY (ppt)	CONDUCTIVITY (mmho/cm)	POT. TEMP. (deg C)	SIGMA THETA (gm/m ³)	AVERAGED PRESSURE (dbar)	BUOYANCY (cpb)
3.8	12.477	35.246	41.171	12.946	26.611	10.233	1.390
7.2	12.472	35.250	41.176	12.943	26.615	17.100	.925
13.3	12.452	35.252	41.177	12.938	26.617	24.817	7.845
20.9	12.412	35.282	40.584	12.291	26.768	32.567	7.740
28.7	11.576	35.296	39.916	11.583	26.915	40.300	7.411
36.4	10.840	35.303	39.259	10.849	27.048	48.267	5.602
44.2	10.375	35.302	38.824	10.431	27.129	56.100	4.157
52.4	10.189	35.300	38.598	10.192	27.170	63.717	3.421
59.8	9.9539	35.297	38.365	9.946	27.210	71.383	2.704
67.6	9.7943	35.298	38.217	9.786	27.238	79.233	2.289
75.2	9.6944	35.300	38.128	9.685	27.257	87.233	2.346
83.3	9.6239	35.301	38.065	9.614	27.269	95.017	1.722
91.2	9.5478	35.301	37.997	9.537	27.282	102.700	1.765
98.9	9.4209	35.305	37.954	9.476	27.297	110.500	1.797
106.5	9.4889	35.307	37.954	9.439	27.305	118.283	1.560
114.5	9.4524	35.309	37.924	9.283	27.328	126.050	1.156
122.1	9.3004	35.307	37.792	9.228	27.341	133.850	.888
130.8	9.2480	35.312	37.762	9.179	27.348	141.600	.819
138.1	9.2032	35.312	37.733	9.159	27.354	149.450	.769
145.1	9.1869	35.316	37.736	9.121	27.359	157.200	.802
152.4	9.1519	35.315	37.717	9.075	27.365	164.950	.677
159.8	9.1097	35.314	37.690	9.050	27.369	172.700	.527
167.5	9.0878	35.314	37.684	9.026	27.371	180.450	.551
175.2	9.0679	35.313	37.679	8.958	27.374	188.200	.460
182.2	9.0439	35.311	37.663	8.971	27.375	195.950	.687
189.2	9.0199	35.308	37.658	8.919	27.379	203.700	.704
196.2	8.9718	35.303	37.623	8.843	27.383	211.450	.806
203.5	8.8998	35.293	37.561	8.749	27.388	219.200	.745
210.1	8.8092	35.281	37.479	8.718	27.393	226.950	.575
217.5	8.7813	35.282	37.468	8.669	27.395	234.700	.515
224.1	8.7363	35.276	37.435	8.599	27.403	242.450	.467
231.9	8.6697	35.272	37.384	8.544	27.404	250.200	.731
238.6	8.6190	35.263	37.343	8.475	27.408	257.950	.860
245.5	8.5535	35.255	37.290	8.408	27.414	265.700	.936
252.2	8.4898	35.251	37.240	8.335	27.422	273.450	1.000
259.4	8.4207	35.247	37.186	8.232	27.431	281.200	1.152
266.7	8.3203	35.238	37.099	8.108	27.443	288.950	1.418
273.6	8.1998	35.229	36.993	7.961	27.462	296.700	1.503
280.6	8.0558	35.225	36.870	7.738	27.482	304.450	
287.6	7.8353	35.209	36.664				

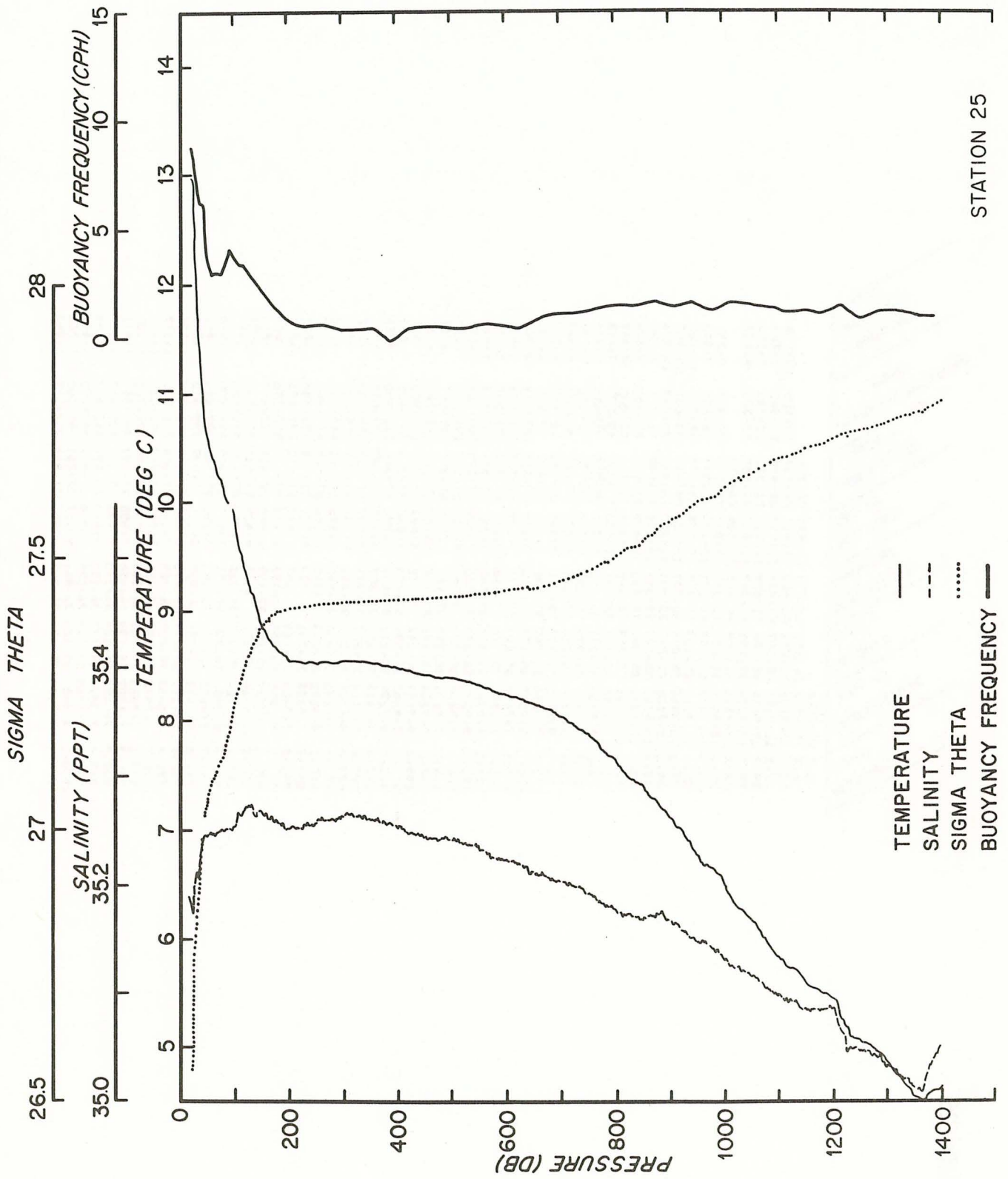






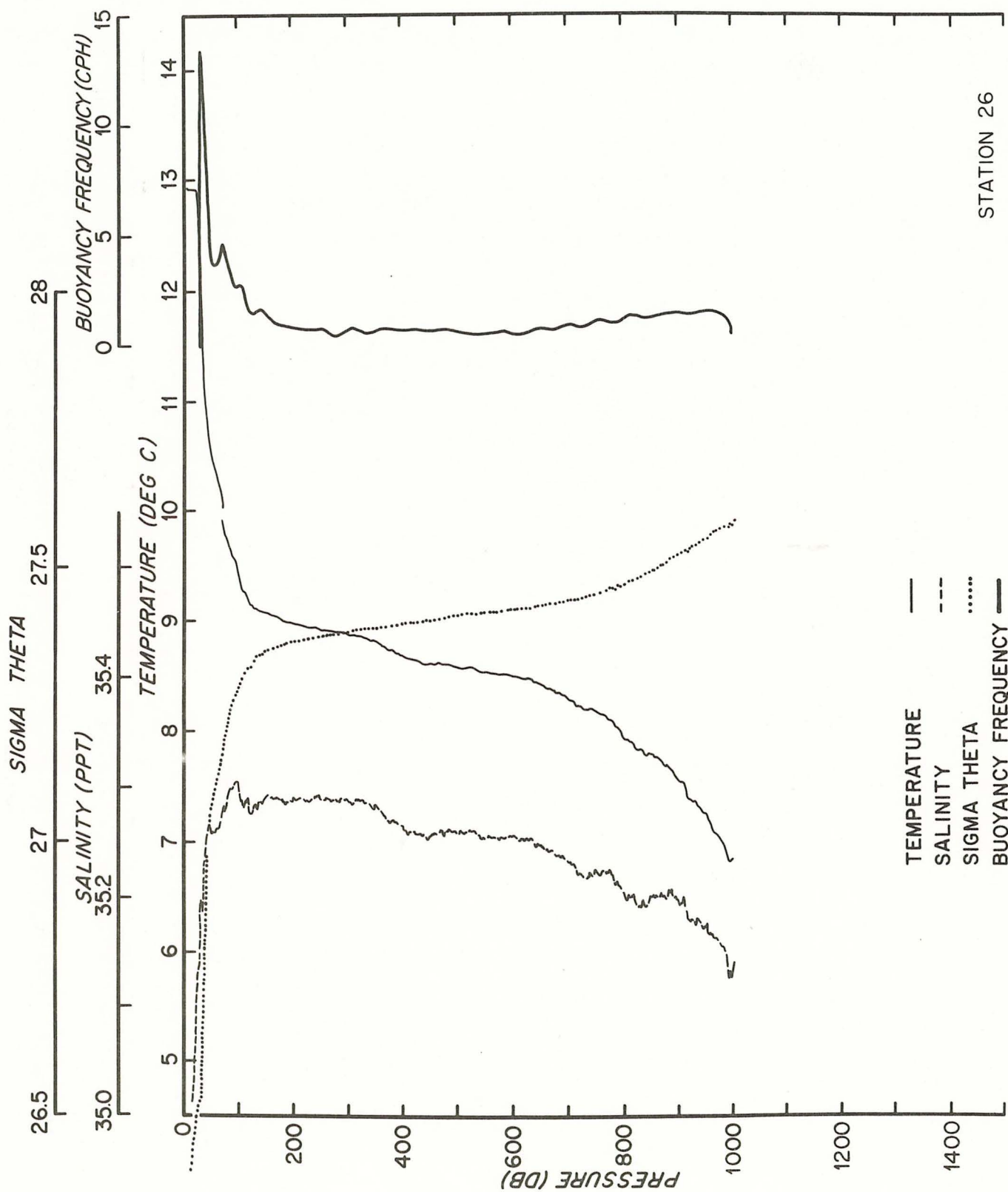
STATION 25

TEMPERATURE (deg C)	SALINITY (ppt)	CONDUCTIVITY (mmho/cm)	POT. TEMP. (deg C)	SIGMA THETA (gm/m ³)	AVERAGED PRESSURE (dbar)	BUOYANCY FREQUENCY (cph)
19.2	12.9702	35.189	12.968	26.562	22.200	8.796
25.2	12.1763	35.174	12.173	26.708	29.333	7.573
33.5	11.480	35.212	11.544	26.857	29.333	6.190
41.2	11.1341	35.234	11.123	26.951	37.350	6.125
49.1	10.6750	35.247	10.653	27.044	45.167	3.856
57.0	10.7225	35.247	10.653	27.060	53.047	2.852
64.7	10.3630	35.247	10.355	27.100	60.850	3.004
72.4	10.2479	35.249	10.239	27.122	68.550	2.934
80.8	10.1220	35.250	10.113	27.144	76.600	3.487
88.8	9.9519	35.251	9.942	27.175	84.767	4.119
96.6	9.7059	35.250	9.695	27.216	92.667	4.119
104.5	9.5420	35.258	9.530	27.249	100.550	3.666
112.5	9.3990	35.268	9.386	27.278	108.517	3.421
120.5	9.2504	35.270	9.237	27.308	116.500	3.424
128.4	9.1023	35.267	9.089	27.374	135.933	2.649
136.1	8.9027	35.257	8.853	27.402	167.750	1.659
143.9	8.7463	35.253	8.523	27.408	200.000	.827
151.9	8.5348	35.255	8.509	27.411	232.067	.577
159.3	8.5413	35.261	8.512	27.414	263.900	.663
167.5	8.5583	35.266	8.525	27.416	295.117	.413
175.7	8.5417	35.265	8.505	27.417	326.417	.283
183.8	8.5087	35.260	8.469	27.419	357.967	.506
191.4	8.4843	35.254	8.441	27.418	389.617	.111
199.4	8.4395	35.247	8.393	27.420	422.100	.506
207.6	8.4069	35.244	8.377	27.422	455.200	.577
215.6	8.3523	35.237	8.335	27.424	488.617	.512
223.4	8.2748	35.226	8.255	27.425	522.517	.445
231.2	8.2369	35.223	8.212	27.429	556.833	.685
239.2	8.1749	35.211	8.117	27.432	591.700	.644
247.6	8.0968	35.207	8.025	27.432	626.883	.444
255.1	8.0096	35.203	7.913	27.434	662.367	.975
263.7	7.9937	35.203	7.798	27.434	697.300	1.152
271.5	7.9658	35.193	7.782	27.435	731.567	1.131
279.7	7.9278	35.174	7.615	27.483	766.133	1.395
287.9	7.8798	35.173	7.415	27.505	800.883	1.577
296.6	7.7762	35.175	7.244	27.525	835.550	1.443
304.9	7.7122	35.159	7.088	27.552	870.250	1.622
313.2	7.6532	35.149	6.882	27.571	905.717	1.441
321.2	7.6050	35.139	6.613	27.596	941.033	1.684
329.2	7.5501	35.126	6.455	27.610	975.633	1.028
337.6	7.4978	35.126	6.158	27.624	101.067	1.656
345.6	7.4470	35.114	5.974	27.654	104.973	1.513
353.9	7.3926	35.109	5.777	27.671	108.077	1.443
362.2	7.3356	35.096	5.623	27.684	111.885	1.225
370.4	7.2705	35.088	5.466	27.697	114.833	1.309
378.6	7.2086	35.087	5.372	27.708	118.163	1.144
386.8	7.1434	35.082	5.016	27.723	121.577	1.545
395.2	7.0750	35.078	4.955	27.729	124.955	.913
403.4	7.0034	35.073	4.773	27.742	128.775	1.308
411.6	6.9284	35.063	4.542	27.754	131.830	1.335
419.8	6.8501	35.053	4.452	27.764	135.290	1.102
428.0	6.7666	35.041	4.523	27.778	138.662	1.068



TEMPERATURE (deg C)	SALINITY (ppt)	CONDUCTIVITY (mmho/cm)	POT. TEMP. (deg C)	SIGMA THERTA (gm/m ³)	AVERAGED PRESSURE (dbar)	BUOYANCY FREQUENCY (cpH)
18.0	26.5	10.0	18.0	1020.0	1000.0	1000.0

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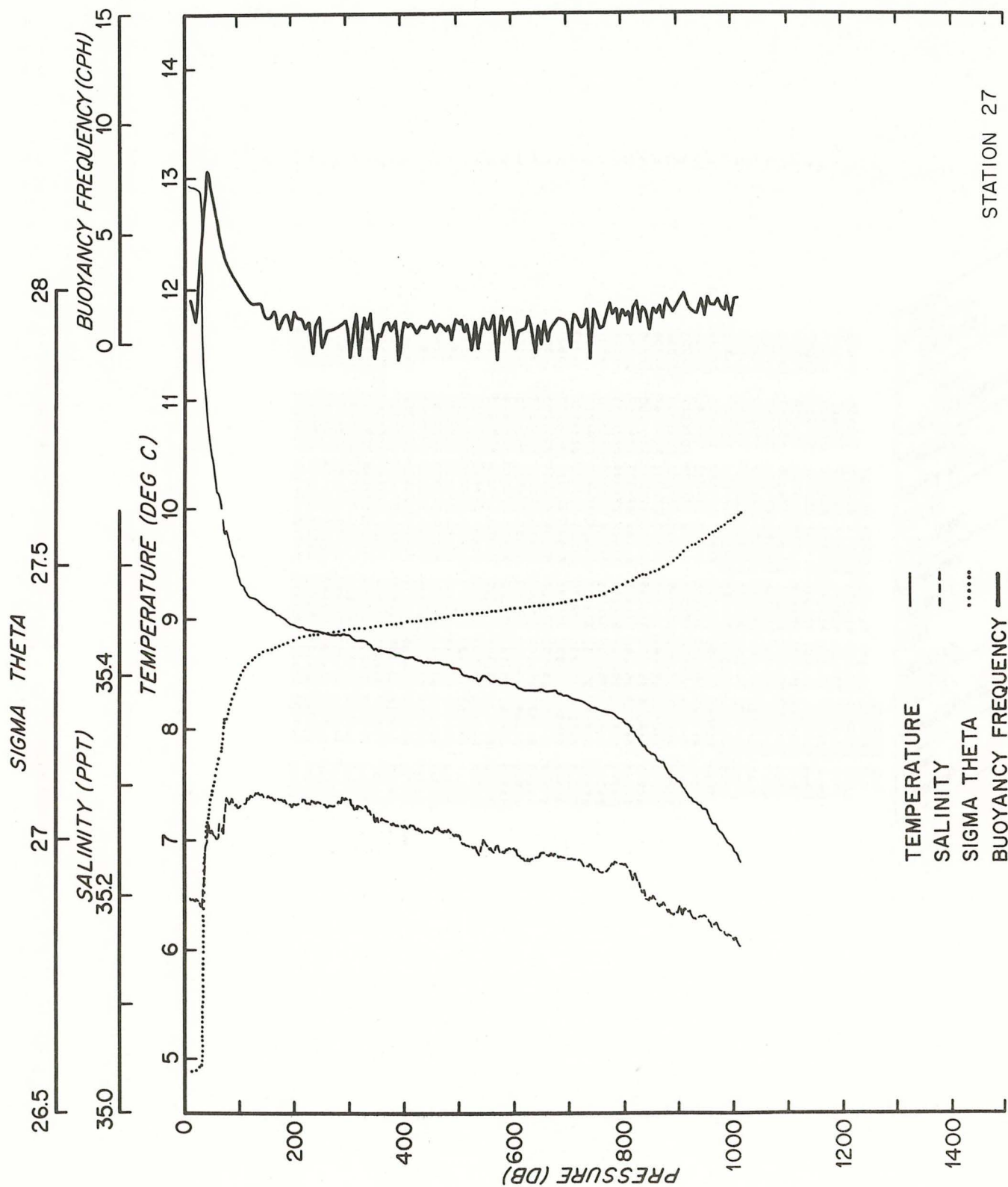
STATION 27

PRESSURE (dbar)	TEMPERATURE (deg C)	SALINITY (ppt)	CONDUCTIVITY (mmho/cm)	POT. TEMP. (deg C)	SIGMA THETA (gm/m ³)	AVERAGED PRESSURE (dbar)	BUOYANCY FREQUENCY (cpH)
757.4	8.1735	35.221	36.917	8.093	27.440	754.467	0.552
763.1	8.1705	35.221	36.917	8.089	27.441	760.250	0.716
770.4	8.1655	35.225	36.919	8.083	27.444	766.733	1.298
775.0	8.1636	35.230	36.924	8.081	27.449	772.667	1.739
781.2	8.1521	35.231	36.917	8.069	27.451	778.083	1.220
786.6	8.1445	35.229	36.892	8.041	27.454	783.883	1.436
792.7	8.1155	35.229	36.886	8.031	27.455	789.633	0.772
798.3	8.0997	35.228	36.863	8.005	27.458	795.500	1.441
803.7	8.0856	35.225	36.841	7.980	27.460	801.017	1.095
808.1	8.0835	35.223	36.820	7.958	27.462	805.500	1.346
812.6	8.0074	35.216	36.782	7.922	27.462	810.350	0.672
818.9	7.9779	35.216	36.757	7.892	27.466	815.767	1.533
824.8	7.9247	35.212	36.706	7.838	27.471	821.867	1.802
830.4	7.8744	35.202	36.653	7.788	27.471	827.600	0.800
836.1	7.8695	35.207	36.655	7.782	27.475	832.323	1.552
842.4	7.8070	35.196	36.589	7.715	27.476	839.250	1.078
848.5	7.7549	35.194	36.578	7.707	27.476	845.467	0.463
855.1	7.7861	35.197	36.576	7.697	27.480	851.833	1.407
860.9	7.7391	35.191	36.529	7.650	27.482	858.000	1.260
867.0	7.7195	35.193	36.515	7.630	27.487	863.350	1.595
872.7	7.7017	35.191	36.499	7.611	27.488	869.850	1.010
878.9	7.6555	35.184	36.424	7.535	27.493	875.767	1.890
885.1	7.5330	35.182	36.356	7.502	27.497	881.583	1.515
890.5	7.5760	35.182	36.382	7.484	27.499	887.817	1.263
896.6	7.5505	35.184	36.362	7.458	27.504	893.567	1.694
903.3	7.5301	35.189	36.351	7.437	27.512	899.350	1.916
909.1	7.4749	35.189	36.302	7.382	27.519	906.200	2.180
915.2	7.4205	35.184	36.250	7.327	27.524	912.133	1.712
922.2	7.3778	35.180	36.210	7.244	27.527	918.700	1.381
928.3	7.3560	35.179	36.191	7.262	27.529	925.283	1.194
934.8	7.3415	35.180	36.181	7.247	27.532	931.567	1.277
941.4	7.2985	35.181	36.145	7.203	27.539	938.117	1.886
947.8	7.2916	35.182	36.142	7.196	27.540	944.633	1.016
953.5	7.2174	35.175	36.070	7.121	27.546	950.683	1.981
959.3	7.1680	35.170	36.022	7.072	27.549	956.417	1.557
966.5	7.1374	35.175	36.020	7.060	27.554	962.917	1.566
972.1	7.0877	35.169	35.952	6.991	27.559	969.333	1.897
978.9	7.0537	35.167	35.922	6.956	27.563	975.517	1.431
984.0	7.0205	35.164	35.890	6.923	27.565	981.433	1.309
989.7	6.9737	35.163	35.848	6.876	27.571	986.817	2.004
996.4	6.9545	35.162	35.832	6.856	27.572	993.017	1.017
1003.7	6.9035	35.162	35.788	6.805	27.580	1000.03	1.892
1009.2	6.8245	35.153	35.710	6.726	27.584	1006.47	1.912

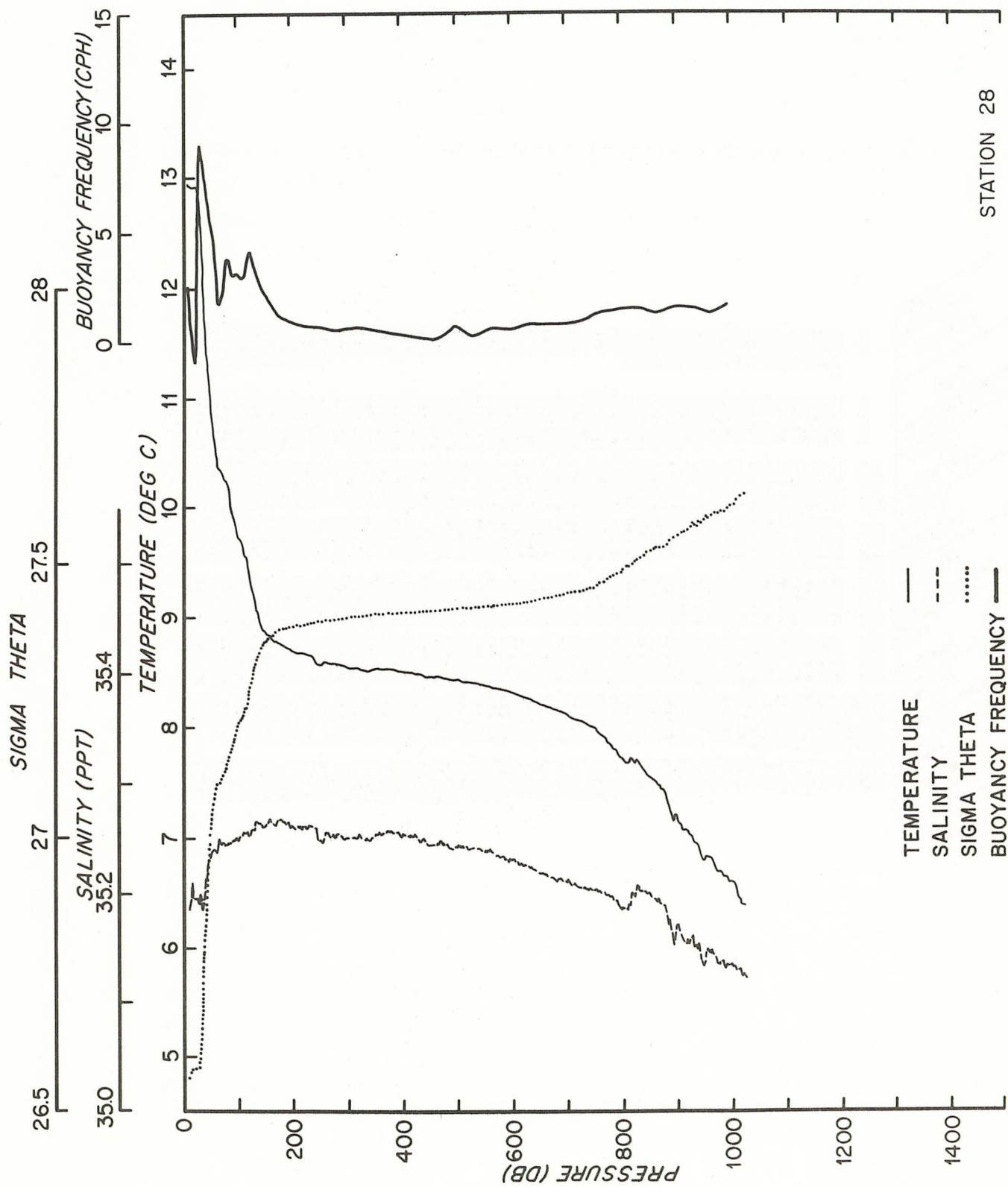
STATION 27

TEMPERATURE (dbar)	SALINITY (deg C)	CONDUCTIVITY (mmho/cm)	POT. TEMP. (deg C)	SIGMA THETA (gm/m ³)	AVERAGED PRESSURE (dbar)	BUOYANCY (gph)
9.3	12.9315	35.195	12.930	26.575	5	1.948
10.4	12.9245	35.195	12.923	26.576	9.850	1.978
29.4	12.8739	35.189	12.870	26.581	19.900	7.860
56.7	10.3011	35.251	10.297	27.113	43.017	44.11
82.3	9.6613	35.283	9.652	27.249	69.500	247.40
108.8	9.2832	35.282	9.275	27.311	95.583	1.733
135.3	9.1884	35.252	9.171	27.335	122.083	1.673
143.2	9.1321	35.250	9.116	27.347	138.750	1.673
148.2	9.1115	35.289	9.095	27.345	145.200	1.074
154.6	9.0944	35.288	9.077	27.347	151.433	1.074
161.8	9.0740	35.288	9.060	27.350	157.617	1.495
167.8	9.0743	35.288	9.029	27.354	164.100	1.495
174.7	9.0385	35.286	9.019	27.355	171.267	1.552
181.9	9.0055	35.284	8.990	27.358	178.017	1.176
188.9	8.9770	35.282	8.957	27.361	185.000	1.328
196.3	8.9605	35.280	8.939	27.362	192.600	1.651
203.5	8.9472	35.283	8.925	27.367	199.917	1.098
210.7	8.9350	35.283	8.912	27.369	206.850	1.098
218.1	8.9201	35.288	8.921	27.372	213.017	1.094
224.1	8.9177	35.286	8.893	27.374	220.000	1.620
231.1	8.9107	35.282	8.881	27.373	227.017	1.956
238.6	8.9074	35.282	8.881	27.373	234.850	1.627
245.2	8.9055	35.284	8.880	27.375	241.883	1.939
250.4	8.9015	35.284	8.884	27.377	247.767	1.213
257.0	8.8845	35.282	8.857	27.377	253.683	1.241
264.5	8.8750	35.281	8.846	27.377	260.767	1.588
270.0	8.8735	35.282	8.844	27.378	267.283	1.588
277.6	8.8719	35.283	8.845	27.379	273.833	1.623
284.7	8.8775	35.285	8.847	27.380	281.183	1.701
290.6	8.8800	35.289	8.857	27.381	287.683	1.856
296.0	8.8714	35.288	8.839	27.383	294.317	1.031
304.4	8.8643	35.281	8.813	27.382	301.200	1.735
310.6	8.8528	35.277	8.790	27.382	307.500	1.327
315.9	8.8289	35.282	8.795	27.385	313.267	1.677
323.3	8.8221	35.279	8.787	27.384	319.617	1.677
329.9	8.8199	35.282	8.784	27.386	326.600	1.150
336.2	8.8145	35.277	8.758	27.387	333.067	1.547
343.5	8.7799	35.274	8.721	27.391	339.867	1.356
349.3	8.7776	35.270	8.710	27.389	346.383	1.356
356.2	8.7350	35.268	8.696	27.389	352.733	1.398
362.2	8.7324	35.267	8.677	27.391	359.217	1.236
369.7	8.7170	35.266	8.670	27.392	365.983	1.916
374.6	8.7105	35.266	8.670	27.392	372.183	1.845
381.8	8.6886	35.265	8.660	27.392	378.517	1.473
388.7	8.6874	35.264	8.647	27.394	385.233	1.974
395.6	8.6874	35.262	8.645	27.392	392.150	0.976
401.1	8.6744	35.261	8.631	27.394	398.350	0.955
408.1	8.6684	35.261	8.624	27.394	404.600	0.955
414.6	8.6745	35.264	8.632	27.396	411.350	0.827
420.1	8.6630	35.262	8.618	27.396	417.117	0.610
427.0	8.6632	35.258	8.597	27.396	423.033	0.357
433.5	8.6635	35.258	8.592	27.397	429.250	0.721
439.3	8.6279	35.257	8.581	27.398	436.417	1.657

TEMPERATURE (dbar)	SALINITY (deg C)	CONDUCTIVITY (mmho/cm)	POT. TEMP. (deg C)	SIGMA THETA (gm/m ³)	AVERAGED PRESSURE (dbar)	BUOYANCY (gph)
445.4	8.5935	35.257	8.575	27.398	442.383	0.594
451.8	8.6195	35.258	8.571	27.400	448.617	0.594
458.5	8.6272	35.260	8.578	27.400	455.133	0.410
465.8	8.6225	35.258	8.572	27.401	461.617	0.836
470.8	8.6062	35.258	8.555	27.402	467.783	0.597
475.6	8.6045	35.258	8.553	27.402	473.683	0.463
483.1	8.5741	35.258	8.549	27.402	479.817	0.717
488.7	8.5761	35.253	8.523	27.403	485.900	1.193
496.3	8.5720	35.255	8.519	27.405	491.500	1.053
503.6	8.5599	35.253	8.506	27.406	497.067	0.819
509.6	8.5170	35.247	8.463	27.407	503.217	0.889
511.4	8.5015	35.244	8.447	27.407	508.983	0.825
515.3	8.4965	35.244	8.441	27.408	514.833	0.749
523.8	8.4931	35.242	8.437	27.408	521.550	0.442
530.8	8.4875	35.243	8.437	27.409	527.817	0.502
538.8	8.4536	35.235	8.436	27.408	532.783	0.462
540.7	8.4949	35.245	8.437	27.409	537.750	0.541
545.0	8.5070	35.250	8.448	27.411	543.133	1.033
553.1	8.4729	35.243	8.414	27.411	549.317	0.512
558.0	8.4525	35.239	8.393	27.411	556.067	0.596
564.6	8.4565	35.243	8.366	27.414	561.817	1.038
571.5	8.4495	35.239	8.388	27.411	568.050	1.009
580.6	8.4434	35.240	8.376	27.414	574.467	1.185
589.6	8.4410	35.242	8.381	27.416	580.933	0.997
596.3	8.4311	35.241	8.378	27.418	587.500	0.829
602.0	8.4230	35.241	8.367	27.417	593.433	1.159
608.7	8.3894	35.234	8.358	27.417	599.150	0.873
614.1	8.3817	35.233	8.346	27.417	605.350	0.443
620.7	8.3683	35.231	8.302	27.418	611.417	0.827
625.5	8.3606	35.232	8.294	27.420	617.433	0.593
631.1	8.3606	35.233	8.293	27.421	623.133	1.222
637.4	8.3690	35.237	8.287	27.421	628.817	1.710
643.4	8.3739	35.235	8.286	27.420	635.250	0.592
649.2	8.3775	35.236	8.309	27.421	640.800	0.714
650.2	8.3893	35.239	8.320	27.421	646.700	0.174
656.9	8.3834	35.239	8.313	27.422	652.567	0.597
660.8	8.3734	35.237	8.303	27.422	657.867	0.080
667.3	8.3669	35.236	8.295	27.422	664.117	0.508
673.4	8.3690	35.237	8.287	27.423	670.367	0.727
678.9	8.3497	35.235	8.277	27.424	676.117	1.055
680.6	8.3315	35.234	8.258	27.426	682.250	0.594
691.0	8.3230	35.234	8.249	27.427	688.267	0.933
697.4	8.3155	35.233	8.241	27.428	694.183	0.738
703.2	8.3099	35.232	8.235	27.428	700.283	0.395
709.8	8.2916	35.231	8.216	27.430	706.467	1.236
716.0	8.2859	35.232	8.209	27.432	712.867	0.593
722.8	8.2705	35.229	8.193	27.432	718.400	0.593
728.7	8.2537	35.226	8.176	27.432	723.783	0.577
735.1	8.2398	35.229	8.161	27.436	729.933	1.460
738.4	8.2362	35.224	8.154	27.434	735.750	1.012
744.2	8.2069	35.224	8.127	27.438	741.300	1.454
751.5	8.1815	35.222	8.101	27.440	747.883	1.051



TEMPERATURE (deg C)	SALINITY (ppt)	CONDUCTIVITY (mmho/cm)	POT. TEMP. (deg C)	SIGMA THERTA (gm/m ³)	AVERAGED PRESSURE (dbar)	BUOYANCY FREQUENCY (cpH)
5.2	13.8002	41.085	12.925	26.547	10.050	2.632
7.9	12.9262	35.184	12.915	26.576	15.017	.432
12.2	12.9207	35.194	12.914	26.577	22.233	.937
17.8	12.9168	35.193	12.912	26.574	30.733	9.087
26.6	12.9157	35.190	11.867	26.788	39.500	7.414
34.8	11.8711	35.201	11.829	26.949	48.217	5.802
44.2	11.1346	35.232	10.685	27.035	56.467	4.908
52.3	10.6909	35.239	10.382	27.059	64.883	1.767
60.7	10.6909	35.247	10.304	27.107	73.550	2.525
69.1	10.6120	35.244	10.198	27.124	81.767	3.871
78.0	10.072	35.247	10.138	27.160	90.250	3.139
85.5	10.0199	35.247	9.854	27.189	99.083	3.251
95.0	9.6645	35.250	9.702	27.216	107.367	2.991
103.2	9.1134	35.252	9.578	27.239	115.633	3.256
111.5	9.5903	35.255	9.446	27.266	123.767	4.208
119.7	9.2294	35.255	9.311	27.311	131.900	2.430
127.8	8.8043	35.264	8.792	27.373	139.917	1.201
162.0	8.8098	35.262	8.689	27.387	147.917	.844
195.8	8.7103	35.260	8.646	27.394	155.917	.801
229.3	8.6703	35.261	8.574	27.400	163.917	.616
261.9	8.6018	35.254	8.527	27.403	171.917	.749
298.0	8.5587	35.250	8.488	27.408	179.917	.623
332.3	8.5238	35.250	8.459	27.412	187.917	.504
369.3	8.4362	35.257	8.411	27.414	195.917	.289
406.9	8.4011	35.253	8.398	27.414	203.917	.156
443.6	8.4578	35.244	8.382	27.419	211.917	.797
479.2	8.4493	35.242	8.355	27.420	219.917	.318
512.0	8.4167	35.242	8.324	27.423	227.917	.672
546.0	8.3928	35.238	8.284	27.426	235.917	.634
579.8	8.3454	35.233	8.230	27.426	243.917	.838
611.4	8.2953	35.227	8.146	27.432	251.917	.845
645.2	8.2143	35.218	8.076	27.438	259.917	.882
680.1	8.1483	35.213	8.076	27.445	267.917	1.040
714.4	8.0678	35.206	7.992	27.445	275.917	1.459
747.0	8.0003	35.205	7.922	27.454	283.917	1.517
780.4	7.8218	35.195	7.781	27.473	291.917	1.620
811.7	7.7407	35.206	7.657	27.473	299.917	1.322
844.6	7.5508	35.201	7.464	27.518	307.917	1.046
878.6	7.2997	35.171	7.211	27.531	315.917	1.603
912.9	7.0541	35.157	6.964	27.555	323.917	1.397
946.4	6.7992	35.139	6.707	27.576	331.917	1.828
979.4	6.6781	35.140	6.583	27.594	339.917	
1010.0	6.4357	35.132	6.340	27.620	347.917	



STATION 29

TEMPERATURE (deg C)	SALINITY (ppt)	CONDUCTIVITY (mmho/cm)	POT. TEMP. (deg C)	SIGMA THETA (gm/m ³)	AVERAGED PRESSURE (dbar)	BUOYANCY (cpn)
14.3	35.206	41.213	13.026	26.564	18.317	.831
22.2	35.207	41.211	13.021	26.565		
29.2	35.206					
35.7	35.201	41.133	12.939	26.577	32.467	11.969
43.1	35.209	40.060	11.819	26.802	39.400	9.873
49.7	35.254	39.246	10.522	27.005	46.400	9.809
57.3	35.252	38.823	10.479	27.082	53.517	9.717
64.3	35.255	38.670	10.312	27.113	60.800	9.766
70.6	35.258	38.536	10.165	27.142	67.450	9.776
76.7	35.265	38.478	10.093	27.159	73.667	9.776
83.8	35.276	38.350	9.943	27.194	80.253	9.050
90.7	35.259	37.572	9.558	27.246	87.250	8.920
96.6	35.284	37.528	9.483	27.278	93.850	8.964
103.7	35.286	37.856	9.401	27.293	100.150	4.118
109.3	35.276	37.834	9.386	27.287	106.483	2.594
115.1	35.308	37.809	9.322	27.323	112.183	1.700
122.7	35.304	37.721	9.229	27.335	118.900	4.464
129.4	35.288	37.582	9.082	27.346	126.087	2.230
136.4	35.284	37.495	8.980	27.360	132.883	1.199
143.9	35.306	37.596	8.949	27.365	139.650	1.281
150.9	35.294	37.506	8.949	27.371	146.483	.785
157.4	35.287	37.457	8.890	27.375	153.400	.948
164.2	35.291	37.474	8.888	27.378	160.300	.749
171.2	35.285	37.431	8.834	27.382	167.333	.676
178.4	35.267	37.317	8.717	27.386	174.333	.712
185.9	35.251	37.217	8.612	27.389	181.350	.843
192.2	35.256	37.236	8.610	27.393	188.350	.718
199.1	35.254	37.217	8.578	27.396	195.350	.757
206.3	35.254	37.193	8.539	27.402	202.350	.675
213.4	35.254	37.197	8.529	27.403	209.350	.884
220.4	35.255	37.201	8.518	27.405	216.350	.518
227.7	35.250	37.168	8.460	27.410	223.350	.541
234.7	35.246	37.144	8.422	27.412	230.350	.633
241.0	35.245	37.138	8.402	27.414	237.350	.573
248.1	35.244	37.129	8.380	27.416	244.350	.616
255.1	35.244	37.129	8.313	27.420	251.350	.624
262.4	35.236	37.072	8.312	27.421	258.350	.850
269.4	35.238	37.087	8.166	27.423	265.350	.380
276.9	35.212	36.538	8.166	27.423	272.350	.810
283.4	35.209	36.502	8.116	27.428	279.350	.836
290.4	35.216	36.517	8.110	27.434	286.350	.913
297.4	35.229	36.947	8.115	27.443	293.350	1.059
304.0	35.221	36.825	7.977	27.458	300.350	1.427
311.2	35.219	36.757	7.891	27.469	307.350	1.215
318.7	35.194	36.559	7.691	27.479	314.350	1.291
325.7	35.190	36.442	7.555	27.495	321.350	1.552
332.8	35.169	36.260	7.366	27.506	328.350	1.369
339.0	35.162	36.104	7.192	27.526	335.350	1.712
346.1	35.166	36.001	7.063	27.548	342.350	1.770
353.8	35.166	35.904	6.946	27.564	349.350	1.583
360.9	35.157	35.747	6.773	27.580	356.350	1.677
368.9	35.157	35.747	6.773	27.580	363.350	

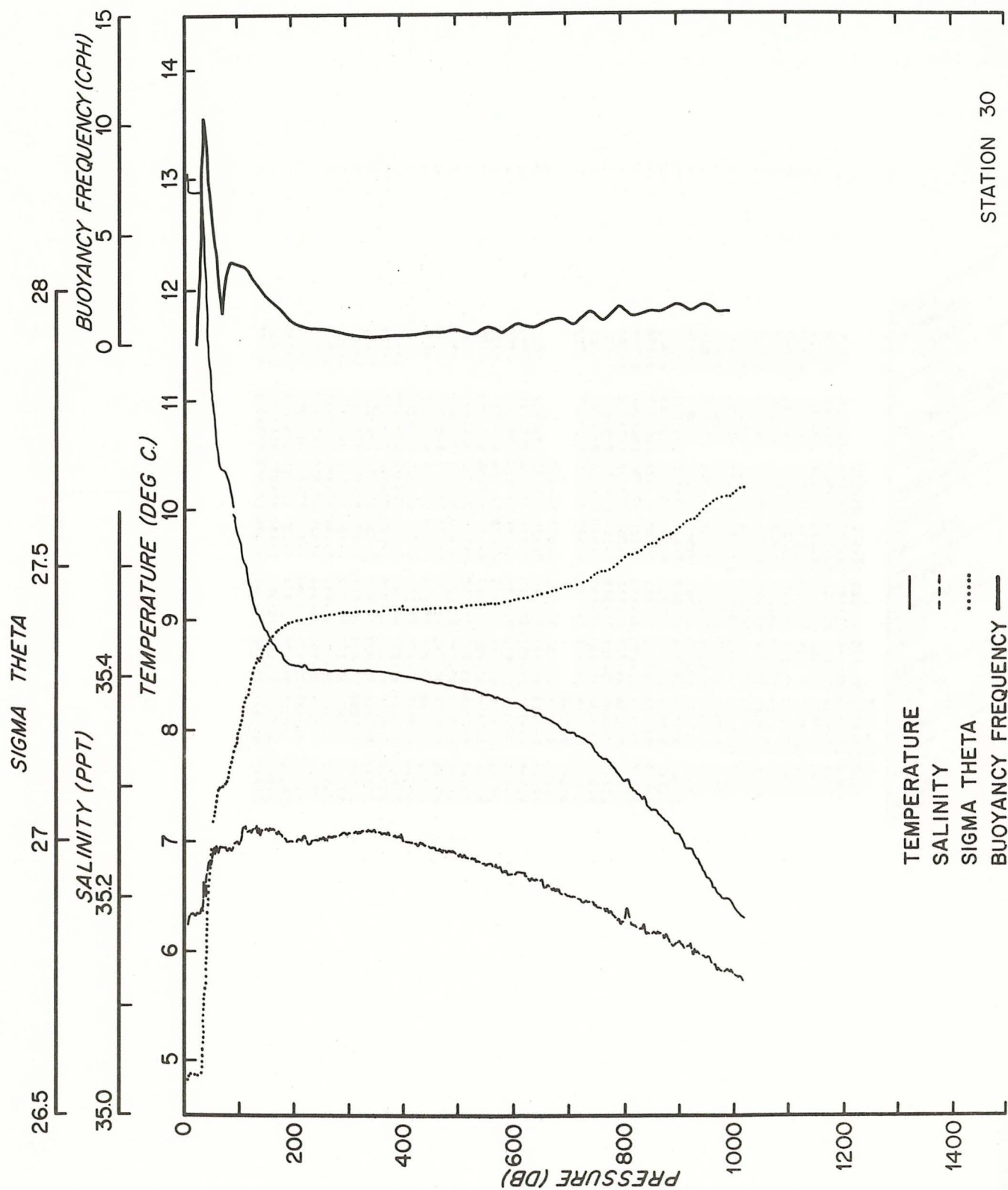


STATION 29

STATION 30

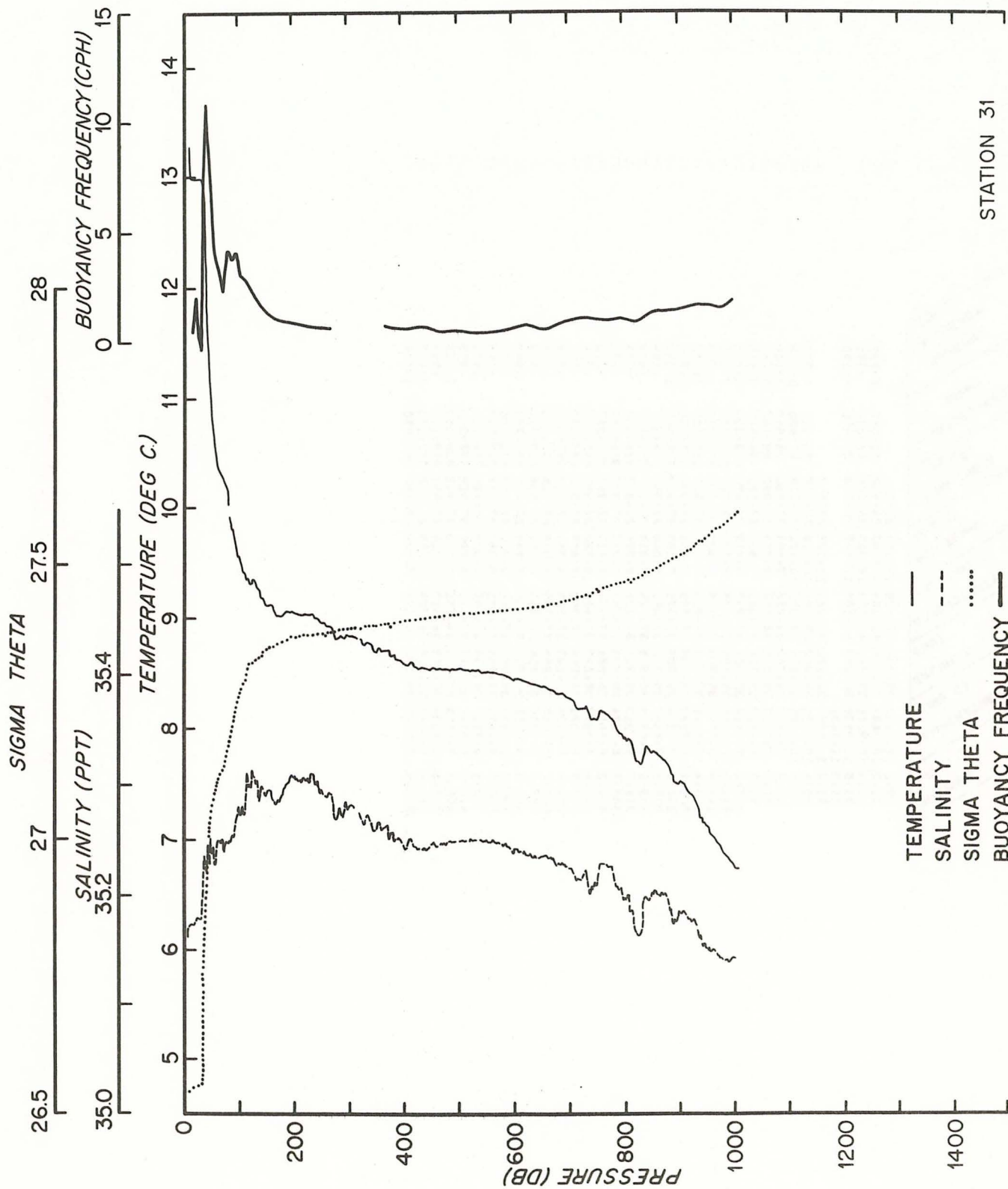
TEMPERATURE (deg C)	SALINITY (ppt)	CONDUCTIVITY (mmho/cm)	POT. TEMP. (deg C)	SIGMA THETA (gm/m ³)	AVERAGED PRESSURE (dbar)	BUOYANCY FREQUENCY (cpH)
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19.9	12.8900	35.183	11.055	12.887	26.574	20.367
21.0	12.8897	35.182	11.054	12.887	26.573	20.433
24.4	12.8906	35.183	11.057	12.887	26.573	22.700
33.0	12.8882	35.189	11.026	12.884	26.587	28.683
40.8	11.6202	35.217	39.869	11.615	26.847	36.883
48.9	11.0000	35.229	39.289	10.994	26.971	44.867
57.0	10.5705	35.238	38.891	10.964	27.056	52.967
65.1	10.3681	35.248	38.708	10.940	27.098	61.067
72.7	10.3384	35.244	38.682	10.930	27.102	68.917
81.1	10.1794	35.243	38.653	10.170	27.129	76.900
89.2	9.9739	35.244	38.342	9.964	27.166	85.133
97.4	9.7959	35.249	38.181	9.788	27.200	93.267
105.0	9.6254	35.252	38.026	9.614	27.231	101.183
113.2	9.4950	35.265	37.918	9.482	27.243	109.083
121.3	9.2879	35.259	37.720	9.274	27.252	117.250
130.5	8.9578	35.260	37.365	8.962	27.357	135.533
142.0	8.6449	35.253	37.135	8.626	27.392	166.267
151.5	8.5843	35.252	37.090	8.562	27.400	196.750
161.3	8.5548	35.252	37.075	8.529	27.405	226.417
172.5	8.5390	35.255	37.077	8.510	27.410	256.900
183.0	8.5344	35.259	37.099	8.511	27.412	287.717
193.3	8.5471	35.261	37.117	8.512	27.413	317.150
204.4	8.5318	35.258	37.114	8.493	27.414	345.850
215.0	8.5038	35.254	37.096	8.462	27.415	375.167
224.1	8.4673	35.247	37.071	8.422	27.416	407.050
232.6	8.4388	35.244	37.054	8.391	27.417	438.450
242.4	8.4173	35.242	37.045	8.366	27.419	467.567
252.2	8.3772	35.238	37.017	8.323	27.422	497.583
263.4	8.3461	35.233	36.995	8.289	27.423	525.783
277.0	8.3016	35.230	36.963	8.241	27.428	553.200
292.7	8.2498	35.221	36.917	8.187	27.429	579.383
309.4	8.2028	35.220	36.884	8.137	27.435	606.083
325.7	8.1539	35.215	36.845	8.086	27.438	632.567
341.5	8.0873	35.208	36.769	7.997	27.446	658.600
356.9	7.9758	35.202	36.689	7.903	27.456	684.217
372.6	7.9193	35.197	36.643	7.844	27.460	709.767
388.9	7.8631	35.192	36.511	7.692	27.479	737.033
403.3	7.7639	35.187	36.446	7.613	27.486	764.183
418.9	7.6562	35.191	36.334	7.474	27.509	790.100
432.0	7.5003	35.174	36.184	7.316	27.518	816.167
445.7	7.2724	35.169	36.073	7.186	27.533	842.367
459.2	7.1363	35.163	35.952	7.048	27.548	868.950
473.9	6.9263	35.155	35.763	6.837	27.571	896.067
488.0	6.8191	35.154	35.673	6.728	27.585	921.483
502.9	6.6452	35.147	35.498	6.533	27.606	945.017
517.0	6.4556	35.135	35.260	6.382	27.617	968.733
530.5	6.3551	35.131	35.255	6.260	27.650	992.617
544.8						1.416



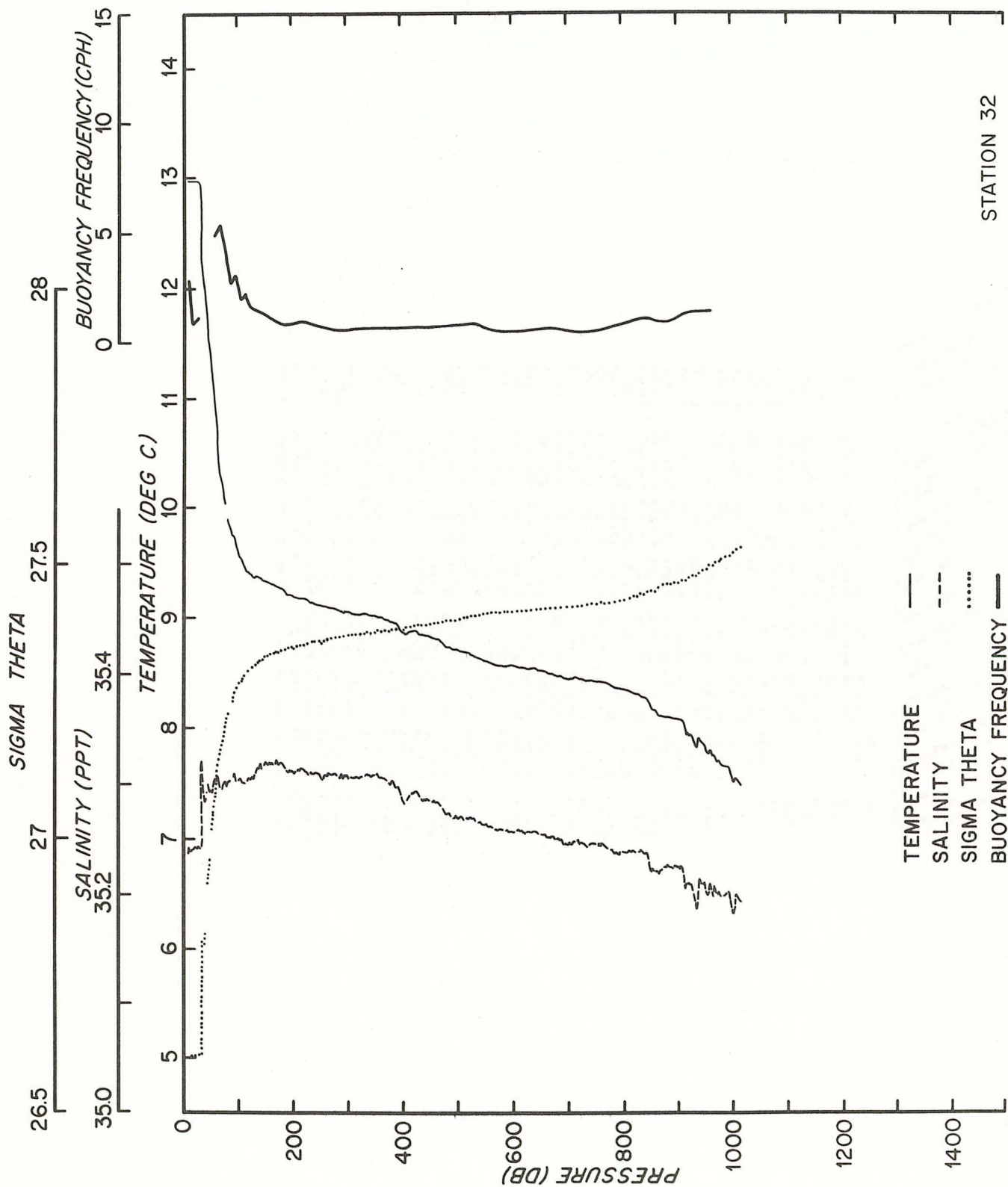
STATION 31

PRESSURE (dbar)	TEMPERATURE (deg C)	SALINITY (ppt)	CONDUCTIVITY (mmho/cm)	POT. TEMP. (deg C)	SIGMA THETA (gm/m ³)	AVERAGED PRESSURE (dbar)	BUOYANCY FREQUENCY (cpH)
4.3	12.6517	35.175	41.123	12.970	26.551		
12.7	12.9721	35.176	41.128	12.969	26.552	16.717	.719
20.8	12.9723	35.179	41.131	12.969	26.554	21.583	2.045
22.4	12.9718	35.179	41.131	12.969	26.554	23.700	.338
25.0	12.9738	35.180	41.135	12.970	26.554	28.600	.340
32.2	12.9757	35.179	41.140	12.971	26.554	36.750	10.905
41.3	11.3853	35.222	39.669	11.380	26.895	45.350	7.777
45.4	10.6714	35.253	38.939	10.665	27.050	53.283	4.042
57.2	10.3375	35.228	38.658	10.331	27.050	61.367	3.458
65.6	10.2394	35.246	38.586	10.232	27.121	69.133	2.331
72.7	10.1390	35.239	38.487	10.131	27.133	76.617	4.299
80.5	9.9094	35.247	38.279	9.900	27.178	85.133	3.818
89.7	9.6953	35.254	38.017	9.688	27.220	93.067	3.156
96.4	9.6666	35.272	37.905	9.656	27.256	100.200	3.109
104.0	9.375	35.274	37.868	9.352	27.279	108.083	2.981
112.2	9.3649	35.287	37.816	9.305	27.321	116.383	2.656
120.6	9.3183	35.301	37.789	9.103	27.350	136.567	1.725
152.5	9.1194	35.296	37.610	9.053	27.362	169.750	1.056
187.0	9.0734	35.302	37.588	9.017	27.370	202.617	.951
218.3	9.0409	35.306	37.575	8.937	27.375	234.167	.761
250.1	8.9638	35.296	37.507	8.825	27.379	266.367	.702
282.7	8.8558	35.279	37.403	8.672	27.387		
316.1	8.8354	35.259	37.277	8.621	27.392	365.817	.811
350.0	8.7093	35.257	37.245	8.573	27.396	397.733	.641
381.6	8.6423	35.252	37.212	8.459	27.400	429.067	.796
413.9	8.6173	35.252	37.212	8.503	27.403	459.717	.520
444.3	8.5464	35.244	37.151	8.491	27.406	491.650	.599
475.2	8.5538	35.248	37.176	8.472	27.407	524.167	.488
508.1	8.5459	35.251	37.185	8.450	27.409	556.567	.411
540.2	8.5298	35.249	37.183	8.322	27.411	589.767	.610
572.9	8.5118	35.248	37.179	8.328	27.417	623.200	.838
606.6	8.4568	35.240	37.135	8.281	27.421	656.617	.641
639.6	8.3563	35.236	37.089	8.168	27.430	690.083	1.043
673.4	8.3535	35.231	37.059	8.030	27.442	723.167	1.195
706.7	8.2433	35.221	36.961	8.030	27.453	756.050	1.062
739.6	8.1078	35.210	36.838	7.839	27.463	788.467	1.151
772.5	8.1119	35.225	36.871	7.785	27.471	820.700	1.005
804.4	7.9238	35.201	36.686	7.638	27.492	853.317	1.520
837.0	7.8527	35.199	36.632	7.436	27.503	884.300	1.511
869.7	7.7283	35.202	36.533	7.219	27.531	914.050	1.672
898.9	7.5277	35.185	36.344	6.932	27.554	944.683	1.738
928.2	7.3127	35.174	36.146	6.734	27.574	974.917	1.610
960.2	7.0268	35.151	35.874	6.668	27.583	993.533	2.032
989.6	6.8306	35.141	35.694				
998.2	6.7657	35.142	35.641				

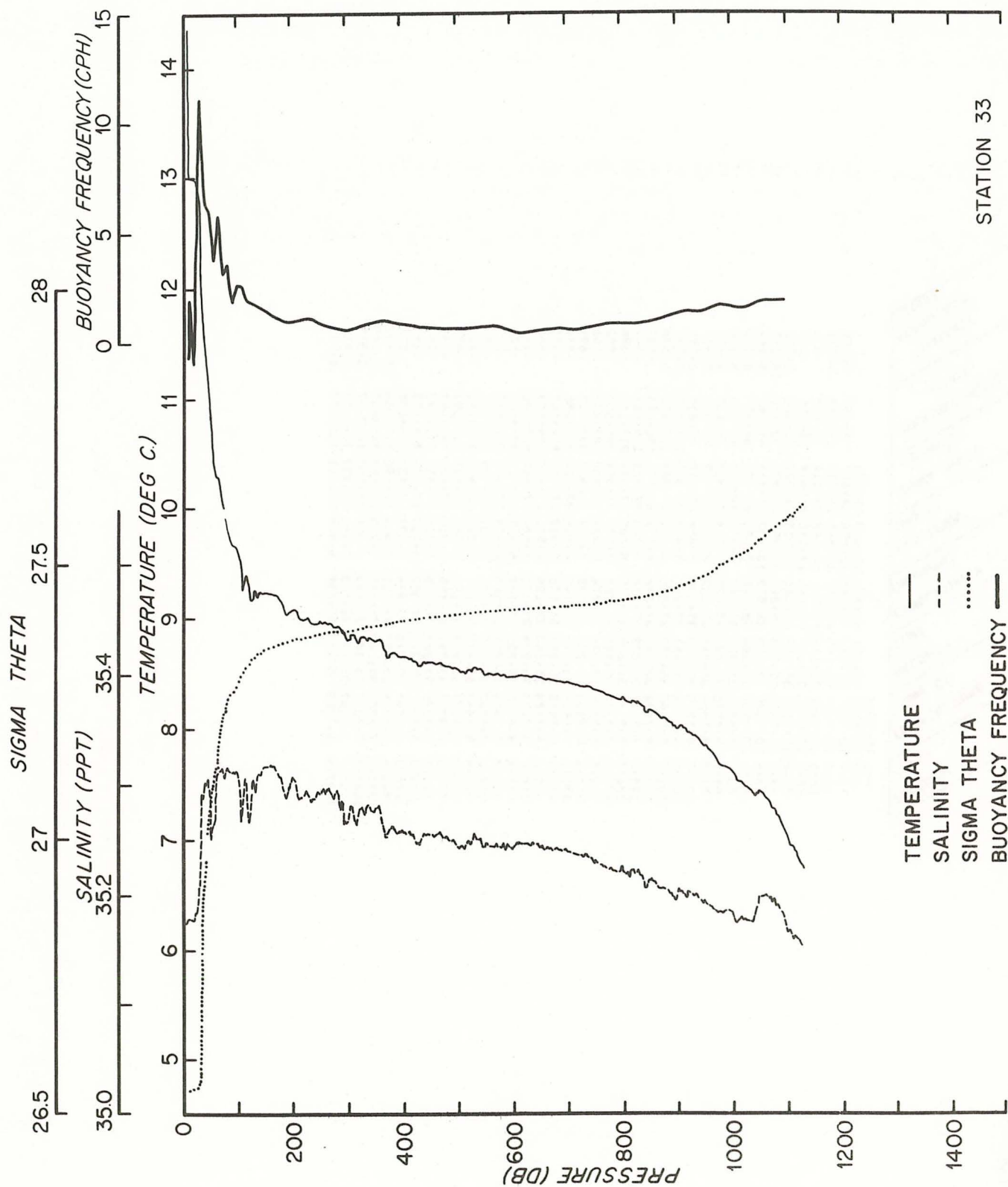


STATION 32

PRESSURE (dbar)	TEMPERATURE (deg C)	SALINITY (ppt)	CONDUCTIVITY (mmho/cm)	POT. TEMP. (deg C)	SIGMA THETA (gm/m ³)	AVERAGED PRESSURE (dbar)	BUOYANCY (gph)
9.0	12.9833	35.235	41.195	12.982	26.596		
11.2	12.9687	35.239	41.186	12.967	26.602	10.083	2.929
21.4	12.9681	35.242	41.193	12.966	26.604	16.283	.891
31.5	12.9535	35.244	41.185	12.949	26.604	26.450	1.110
41.3	11.8431						
51.8	11.0287	35.292	39.381	11.022	27.015		
60.4	10.7220	35.503	39.101	10.715	27.029	56.100	4.853
70.8	10.1389	35.854	38.540	10.131	27.176	69.600	5.462
80.4	9.8625	35.302	38.288	9.853	27.230	75.567	4.224
90.0	9.7449	35.308	38.196	9.745	27.253	85.167	2.711
99.2	9.5709	35.304	38.021	9.560	27.281	94.567	3.119
107.9	9.4914	35.301	37.947	9.479	27.292	103.533	2.049
118.0	9.4080	35.304	37.875	9.395	27.307	112.950	2.841
126.6	9.3719	35.305	37.846	9.358	27.315	122.317	1.633
133.4	9.2968	35.318	37.804	9.279	27.337	145.000	1.423
200.1	9.2029	35.309	37.723	9.181	27.346	181.750	.900
236.8	9.1304	35.309	37.671	9.104	27.358	218.450	1.056
272.5	9.0959	35.310	37.655	9.066	27.364	254.617	.784
309.9	9.0419	35.305	37.626	9.018	27.367	291.200	.624
346.9	9.0319	35.308	37.626	8.994	27.373	328.400	.722
385.9	8.9874	35.298	37.564	8.915	27.377	366.367	.651
420.3	8.9614	35.286	37.482	8.814	27.383	408.067	.750
459.4	8.7937	35.279	37.424	8.738	27.389	449.850	.751
507.7	8.7028	35.268	37.350	8.648	27.395	488.583	.711
546.6	8.6204	35.263	37.284	8.561	27.404	527.150	.928
584.7	8.5317	35.258	37.260	8.518	27.406	565.650	.524
622.9	8.5588	35.256	37.253	8.491	27.408	603.817	.503
660.6	8.5158	35.252	37.226	8.444	27.411	641.733	.643
699.5	8.4672	35.247	37.192	8.391	27.415	680.050	.661
738.9	8.4473	35.246	37.190	8.367	27.417	719.233	.485
778.1	8.3927	35.238	37.148	8.309	27.420	758.517	.600
818.6	8.3341	35.238	37.111	8.246	27.429	798.350	.919
858.4	8.1418	35.221	36.951	8.070	27.442	838.500	1.116
899.8	8.1054	35.223	36.917	8.009	27.452	879.117	.945
940.2	7.8943	35.208	36.724	7.795	27.472	920.033	1.407
980.5	7.6817	35.198	36.534	7.580	27.496	960.350	1.516

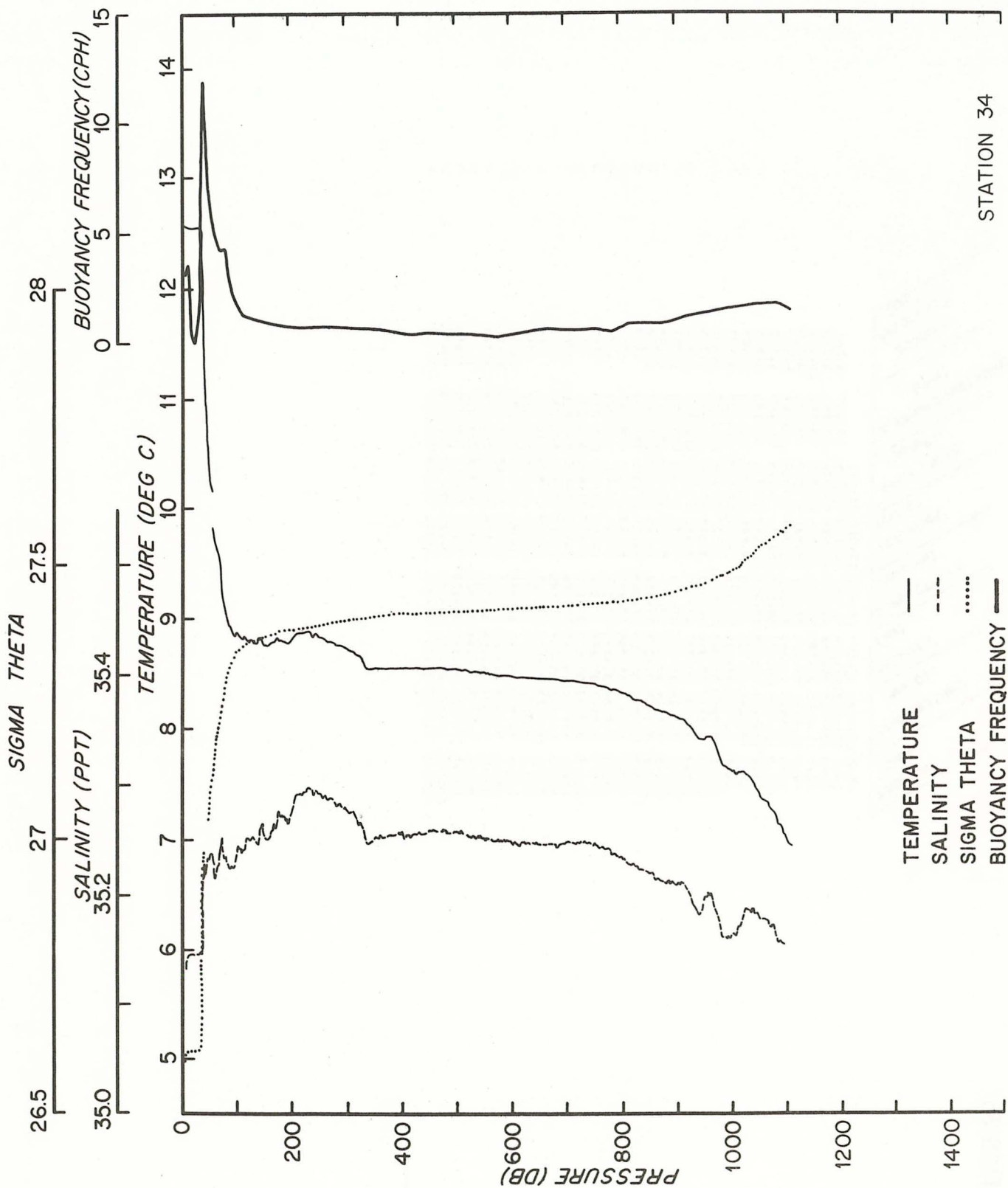


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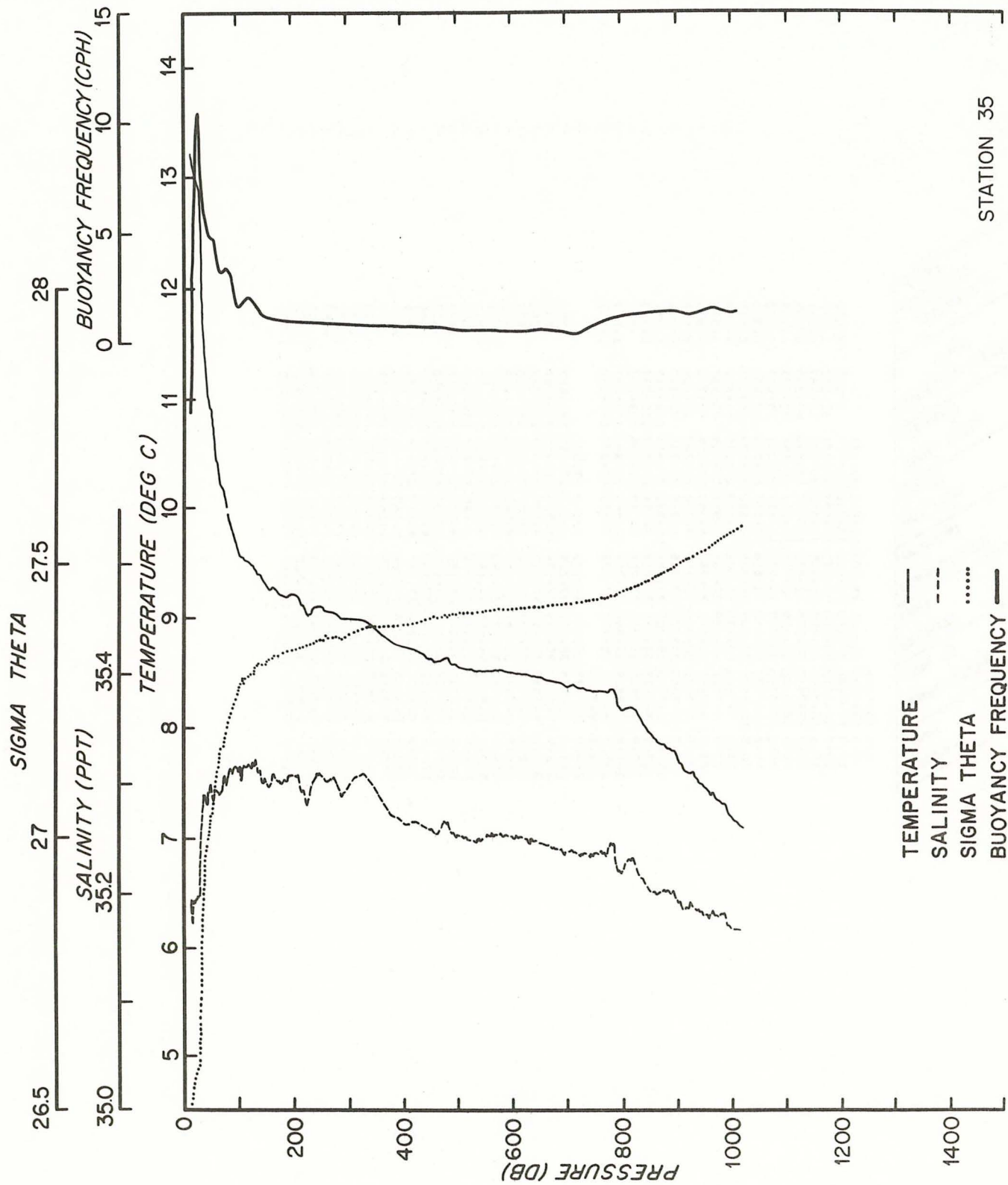
STATION 34

PRESSURE (dbar)	TEMPERATURE (deg C)	SALINITY (ppt)	CONDUCTIVITY (mmho/cm)	POT. TEMP. (deg C)	SIGMA THETA (gm/cm ³)	AVERAGED PRESSURE (dbar)	BUOYANCY (gph)
8.8	15.0107	35.131	40.631	12.577	26.596	3.010	
6.9	12.5776	35.110	40.684	12.556	26.607	9.917	
10.9	12.5777	35.117	40.683	12.547	26.614	11.783	
12.6	12.5487	35.116	40.681	12.542	26.614	15.617	
18.6	12.5447	35.115	40.683	12.540	26.614	23.400	
28.2	12.5436	35.115	40.683	12.513	26.622	32.400	
36.6	12.5177	35.119	40.666	12.513	26.622	40.450	
44.3	10.9620	35.223	39.255	10.557	26.974	45.450	
53.8	10.9398	35.238	38.573	10.533	27.114	45.067	
64.0	9.4968	35.224	38.048	9.690	27.197	58.917	
73.9	9.4950	35.253	37.889	9.447	27.254	68.933	
84.1	9.0230	35.230	37.425	9.014	27.313	78.983	
94.9	8.9008	35.225	37.309	8.891	27.329	88.517	
105.7	8.8988	35.245	37.331	8.888	27.345	97.800	
113.0	8.8194	35.211	37.257	8.807	27.355	107.850	
121.7	8.8288	35.253	37.250	8.816	27.362	117.383	
160.0	8.7692	35.253	37.242	8.752	27.372	140.883	
198.0	8.5038	35.272	37.310	8.783	27.382	179.017	
236.2	8.8943	35.296	37.435	8.869	27.386	217.117	
273.0	8.8032	35.288	37.358	8.774	27.394	254.600	
311.5	8.7078	35.276	37.274	8.674	27.400	292.233	
350.3	8.5598	35.251	37.129	8.522	27.404	330.917	
391.0	8.5558	35.255	37.147	8.514	27.408	370.650	
433.4	8.5595	35.257	37.170	8.512	27.409	412.167	
475.0	8.5423	35.260	37.195	8.511	27.410	454.183	
515.2	8.5423	35.266	37.190	8.487	27.410	495.100	
558.4	8.5090	35.251	37.173	8.449	27.411	536.800	
601.2	8.4984	35.247	37.169	8.424	27.412	579.817	
642.0	8.4703	35.244	37.171	8.401	27.416	621.600	
687.4	8.4568	35.247	37.171	8.382	27.417	664.683	
727.0	8.4477	35.244	37.157	8.369	27.419	707.183	
770.3	8.3998	35.241	37.155	8.316	27.421	748.650	
811.7	8.3039	35.228	37.070	8.216	27.426	791.033	
853.6	8.2202	35.221	37.003	8.129	27.433	832.683	
896.0	8.1268	35.210	36.924	8.031	27.438	874.800	
938.4	7.9068	35.182	36.711	7.808	27.450	917.183	
980.9	7.4753	35.152	36.495	7.573	27.469	959.667	
1023.8	7.4027	35.137	36.469	7.496	27.500	1002.37	
1067.7	7.2897	35.172	36.183	7.181	27.533	1045.77	
1107.8	6.9559	35.148	35.869	6.845	27.561	1087.77	



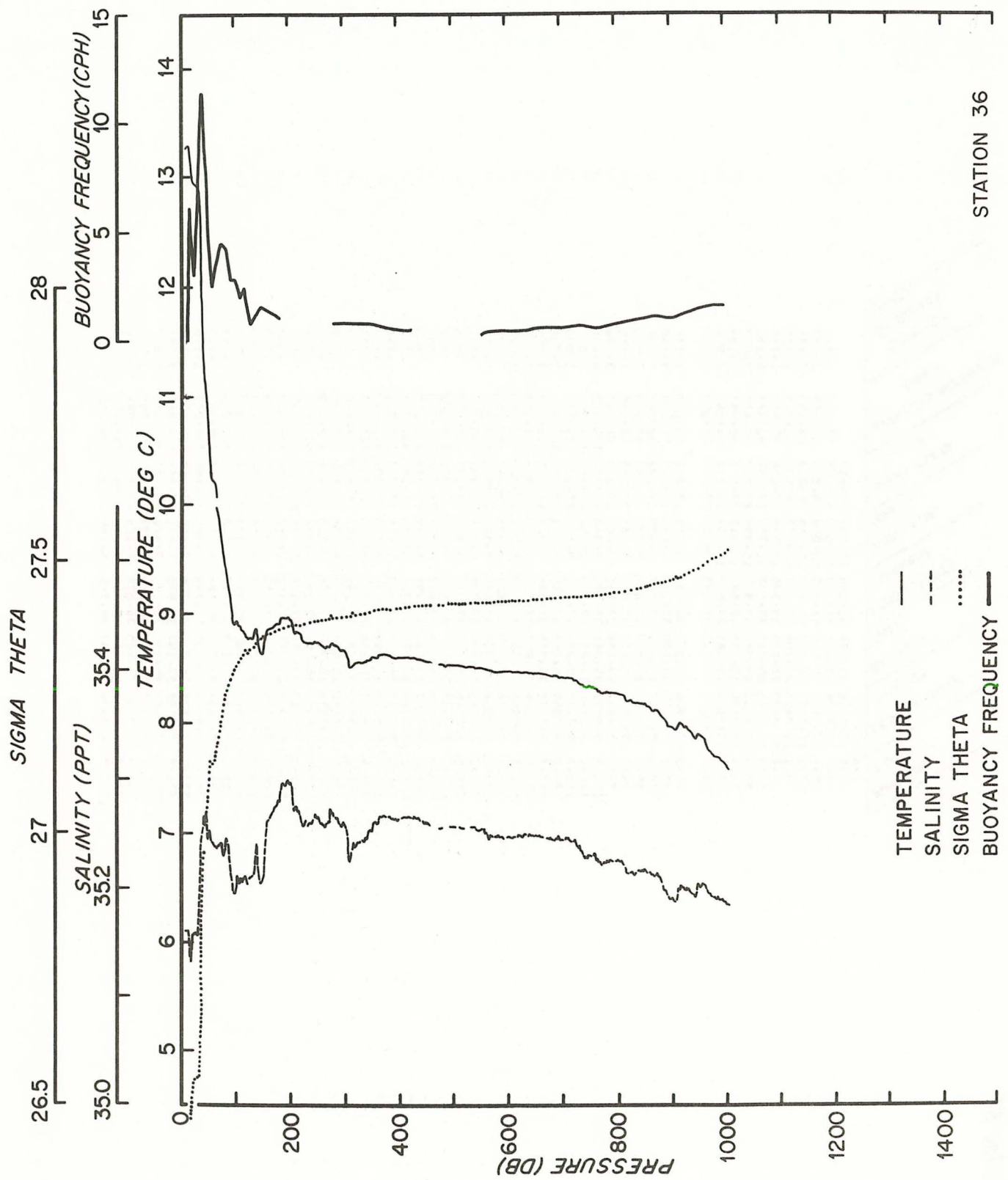
STATION 35

PRESSURE (dbar)	TEMPERATURE (deg C)	SALINITY (ppt)	CONDUCTIVITY (mmho/cm)	POT. TEMP. (deg C)	SIGMA THETA (gm/cm ³)	AVERAGED PRESSURE (dbar)	BUOYANCY (gph)
15.2	13.2142	35.194	41.379	13.212	26.517	15.667	-3.061
16.2	13.1552	35.174	41.302	13.153	26.514	20.850	4.513
25.5	12.9416	35.196	41.121	12.938	26.574	30.117	10.495
34.7	11.0085	35.272	39.912	11.604	26.892	39.600	6.279
44.5	10.9961	35.283	39.337	10.991	27.014	49.667	4.987
54.8	10.5557	35.284	38.921	10.549	27.095	59.867	4.718
64.9	10.1839	35.291	38.577	10.176	27.165	70.133	3.290
75.4	10.5554	35.308	38.475	10.047	27.201	80.450	3.460
85.5	9.8648	35.314	38.305	9.855	27.229	90.733	3.207
95.9	9.4759	35.316	38.131	9.685	27.272	101.000	1.749
106.1	9.6689	35.305	38.023	9.557	27.282	111.617	1.953
117.2	9.6413	35.316	38.013	9.528	27.295	122.217	2.211
127.3	9.4757	35.321	37.960	9.461	27.310	148.500	1.287
169.7	9.7724	35.305	37.771	9.254	27.331	190.617	1.044
211.5	9.1724	35.300	37.691	9.149	27.344	232.567	1.078
253.6	9.1079	35.305	37.654	9.040	27.358	351.583	.837
449.5	8.4543	35.259	37.289	8.606	27.395	469.567	.768
483.6	8.6319	35.256	37.235	8.543	27.401	509.967	.605
530.3	8.6408	35.248	37.188	8.484	27.404	551.083	.659
571.8	8.6467	35.256	37.219	8.485	27.409	593.200	.521
614.6	8.5182	35.253	37.209	8.452	27.412	634.600	.568
654.6	8.4708	35.247	37.176	8.400	27.415	676.233	.662
697.8	8.4042	35.239	37.125	8.329	27.419	718.400	.450
739.0	8.4758	35.235	37.113	8.236	27.420	759.517	.961
780.1	8.7693	35.248	37.137	8.285	27.431	800.583	1.234
821.1	8.1773	35.230	36.958	8.090	27.447	841.533	1.400
862.0	7.8948	35.200	36.684	7.804	27.467	883.217	1.464
904.5	7.4892	35.192	36.503	7.595	27.491	924.517	1.345
944.6	7.5047	35.181	36.338	7.408	27.509	965.500	1.653
986.4	7.2911	35.161	36.158	7.191	27.540	1000.23	1.448
1014.0	7.1293	35.171	36.010	7.028	27.555	1012.92	1.505
1011.8	7.1327	35.169	36.011	7.031	27.553		



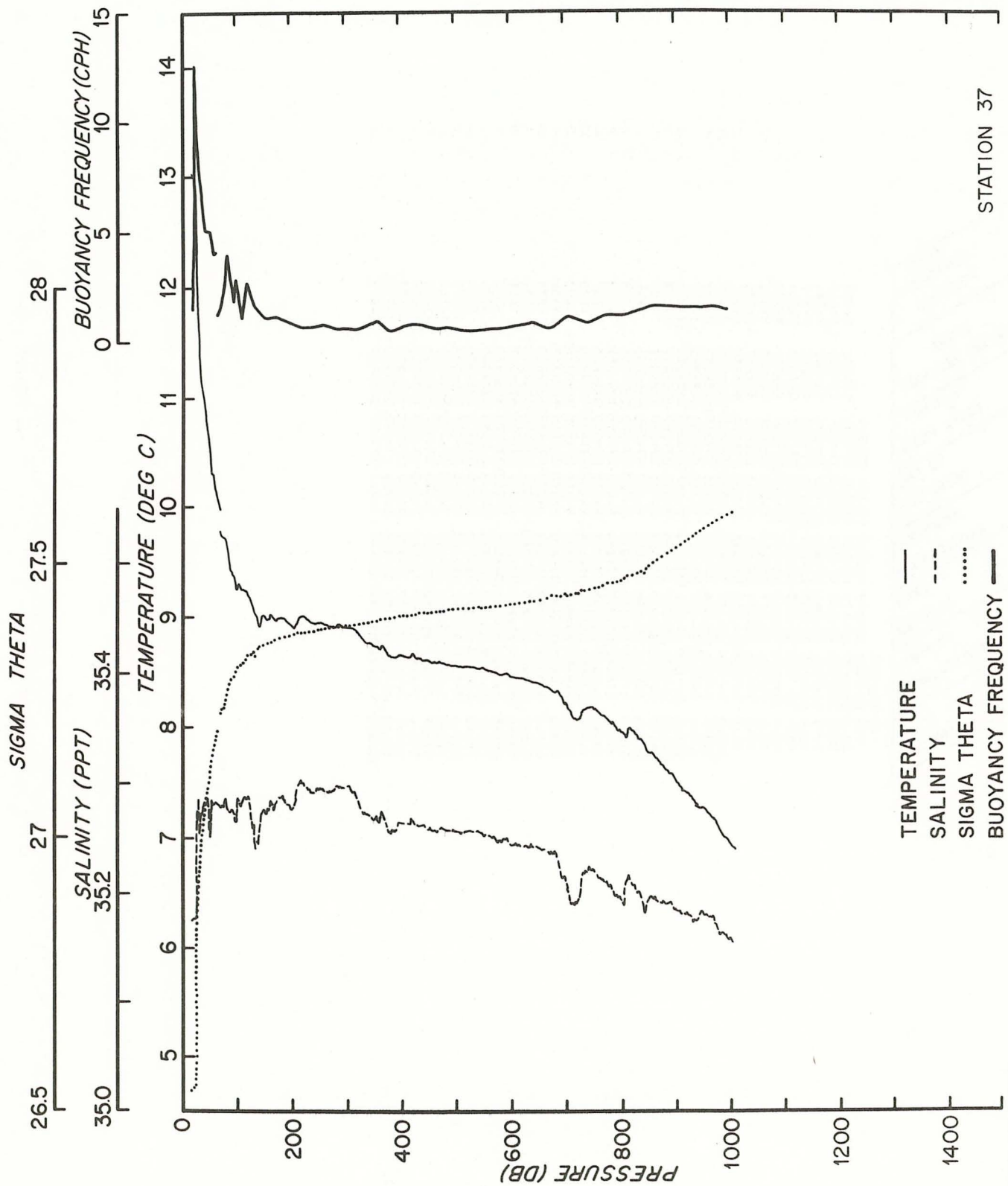
STATION 36

PRESSURE (dbar)	TEMPERATURE (deg C)	SALINITY (ppt)	CONDUCTIVITY (mmho/cm)	POT. TEMP. (deg C)	SIGMA THETA (gm/m ³)	AVERAGED PRESSURE (dbar)	BUOYANCY (cpb)
6.6	15.07	35.16	41.393	13.265	26.481		
9.2	13.263	35.161	41.393	13.265	26.481	9.883	-3.017
10.5	13.238	35.161	41.410	13.282	26.477	13.150	1.847
15.8	13.2612	35.160	41.390	13.259	26.481	17.683	6.161
19.6	13.093	35.152	41.135	13.003	26.527	22.933	3.005
26.3	12.9312	35.158	41.071	12.928	26.546	30.733	6.303
35.2	12.5140	35.195	40.711	12.511	26.658	39.617	11.300
44.0	10.9240	35.265	39.350	10.919	27.014	47.933	6.356
51.8	10.2750	35.255	38.616	10.273	27.113	56.183	2.479
60.5	10.1574	35.239	38.498	10.150	27.129	64.983	3.599
69.4	9.9505	35.239	38.306	9.943	27.165	73.567	4.540
77.7	9.8928	35.229	37.961	9.884	27.219	81.783	4.290
85.9	9.7457	35.241	37.760	9.736	27.266	90.200	2.853
94.5	9.6629	35.206	37.449	9.658	27.287	98.533	2.866
102.5	9.923	35.203	37.315	9.914	27.308	106.767	1.581
111.0	8.8933	35.207	37.244	8.871	27.318	115.233	2.380
119.5	8.8068	35.211	37.219	8.794	27.333	123.683	.804
127.9	8.7930	35.210	37.209	8.779	27.335	132.083	1.579
131.9	8.8818	35.262	37.357	8.864	27.361	140.883	1.087
135.3	8.7733	35.298	37.498	8.758	27.373	148.600	
139.9	8.7428						
144.9	8.6958	35.254	37.223	8.669	27.384		.795
149.4	8.6378	35.260	37.234	8.656	27.390	281.667	.800
154.9	8.5709	35.243	37.124	8.535	27.396	315.667	.782
160.6	8.6333	35.265	37.223	8.599	27.402	349.783	.532
166.2	8.4118	35.283	37.212	8.569	27.405	384.400	.439
170.7	8.5927	35.241	37.209	8.545	27.406	421.433	1.177
176.3	8.5320	35.272	37.183	8.480	27.425	463.483	.311
181.8	8.5313	35.285	37.187	8.474	27.411	509.683	.324
187.8	8.4469	35.246	37.154	8.425	27.411	552.467	.429
193.8	8.4737	35.245	37.156	8.408	27.413	589.317	.423
199.1	8.4758	35.247	37.175	8.407	27.414	623.950	.566
204.6	8.4458	35.244	37.159	8.373	27.416	657.833	.556
210.6	8.4282	35.244	37.157	8.352	27.419	691.600	.644
216.3	8.3332	35.228	37.068	8.253	27.421	725.800	.690
222.3	8.3923	35.222	37.039	8.209	27.423	760.133	.843
228.0	8.3567	35.220	37.018	8.170	27.427	794.150	1.082
234.0	8.1850	35.214	36.962	8.095	27.433	828.500	.557
240.4	8.668	35.205	36.859	7.976	27.443	863.200	1.286
246.8	8.008	35.202	36.811	7.908	27.451	897.583	1.548
253.7	7.8938	35.202	36.723	7.793	27.468	933.233	1.548
260.1	7.6752	35.189	36.522	7.572	27.490	969.900	1.553
266.0	7.5929	35.184	36.448	7.489	27.499	995.050	



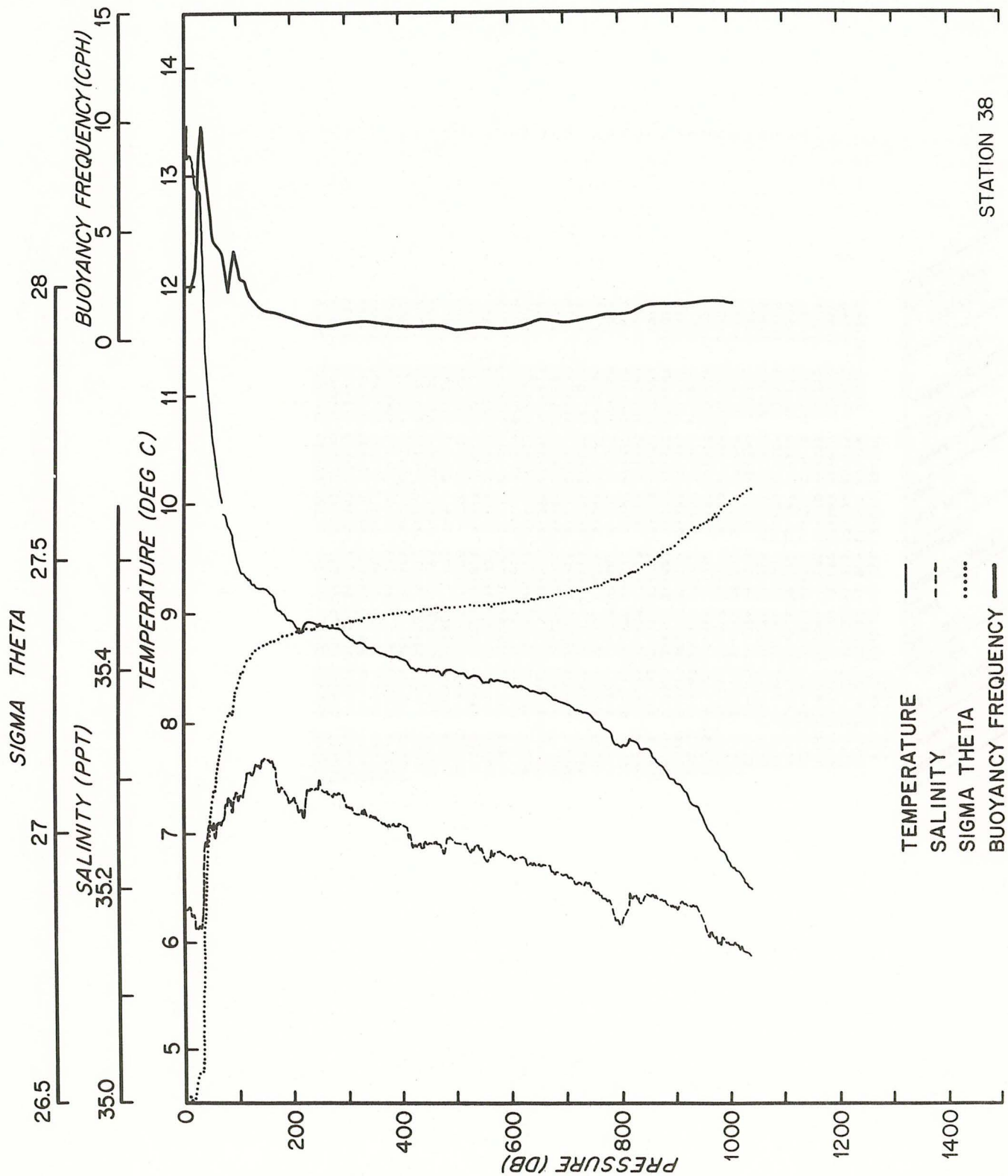
STATION 37

TEMPERATURE (deg C)	SALINITY (ppt)	CONDUCTIVITY (mmho/cm)	POT. TEMP. (deg C)	SIGMA THETA (gm/m ³)	AVERAGED PRESSURE (dbar)	BUOYANCY FREQUENCY (cpH)
2.6	12.7121					
16.8	13.0362	35.174	13.034	26.537	17.583	1.561
18.3	13.0296	35.174	13.027	26.539	20.367	1.897
22.4	13.0112	35.175	13.008	26.543	25.150	1.695
27.9	11.492	35.242	11.846	26.823	30.483	8.432
33.1	11.2810	35.254	11.277	26.939	35.417	6.799
37.8	11.0039	35.276	10.999	27.008	40.583	5.063
43.4	10.7620	35.278	10.757	27.053	45.483	5.087
47.6	10.6039	35.285	10.598	27.087	50.583	5.134
52.6	10.4194	35.285	10.313	27.117	56.067	3.996
58.5	10.1604	35.281	10.154	27.162	61.050	4.126
63.6	10.0079	35.281	10.001	27.189		
74.2	9.7266	35.277	9.718	27.233	63.033	1.174
79.5	9.7053	35.285	9.696	27.243	76.833	2.468
85.3	9.6889	35.272	9.659	27.223	82.400	4.038
89.7	9.6038	35.273	9.591	27.285	87.483	3.006
94.5	9.7114	35.274	9.361	27.250	92.083	1.860
99.5	9.2693	35.268	9.701	27.303	96.983	2.886
104.9	9.2793	35.281	9.726	27.312	102.183	2.231
110.2	9.2644	35.280	9.713	27.313	107.550	1.036
115.7	9.2438	35.284	9.700	27.320	112.950	1.935
120.9	9.1959	35.287	9.650	27.332	118.300	2.731
140.7	8.6380	35.255	9.394	27.346	130.817	1.591
161.8	9.0274	35.283	9.515	27.354	151.283	1.089
181.5	8.9908	35.287	9.493	27.363	171.683	1.229
203.2	8.9178	35.279	9.426	27.369	192.350	.935
222.8	8.9954	35.299	9.527	27.372	213.000	.728
243.2	8.440	35.292	9.481	27.374	233.033	.705
264.0	8.9219	35.292	9.470	27.378	253.617	.824
284.1	8.9320	35.297	9.493	27.381	274.033	.647
303.9	8.9118	35.296	9.482	27.383	293.967	.663
324.6	8.9247	35.280	9.394	27.384	314.217	.585
345.0	8.7568	35.270	9.329	27.387	334.783	.768
366.5	8.7278	35.271	9.313	27.393	355.733	.946
386.7	8.4419	35.254	9.225	27.393	376.567	.497
423.4	8.4607	35.266	9.270	27.399	405.017	.753
445.2	8.4128	35.261	9.230	27.403	434.300	.812
468.5	8.5848	35.258	9.211	27.406	456.850	.599
498.2	8.5558	35.255	9.194	27.408	482.333	.649
527.1	8.4492	35.256	9.202	27.409	511.667	.464
559.0	8.163	35.252	9.182	27.412	543.067	.568
590.3	8.4838	35.249	9.162	27.414	574.667	.605
623.3	8.4238	35.242	9.113	27.418	606.333	.713
654.5	8.7228	35.239	9.077	27.424	638.000	.848
687.5	8.5660	35.220	9.073	27.425	670.583	.570
719.0	8.6681	35.193	9.077	27.425	703.233	1.148
751.7	8.4434	35.218	9.084	27.442	735.333	.819
785.1	7.9914	35.203	9.074	27.454	768.383	1.176
817.9	7.9508	35.210	9.0726	27.466	801.500	1.115
851.8	7.7538	35.197	9.050	27.474	834.847	1.451
884.8	7.5587	35.190	9.0380	27.507	868.317	1.603
918.7	7.3667	35.183	9.0219	27.528	901.750	1.529
951.9	7.2238	35.180	9.0079	27.548	935.283	1.526
985.0	6.9412	35.164	9.044	27.569	968.450	1.587
1003.7	6.9836	35.157	9.0766	27.578	994.340	1.422



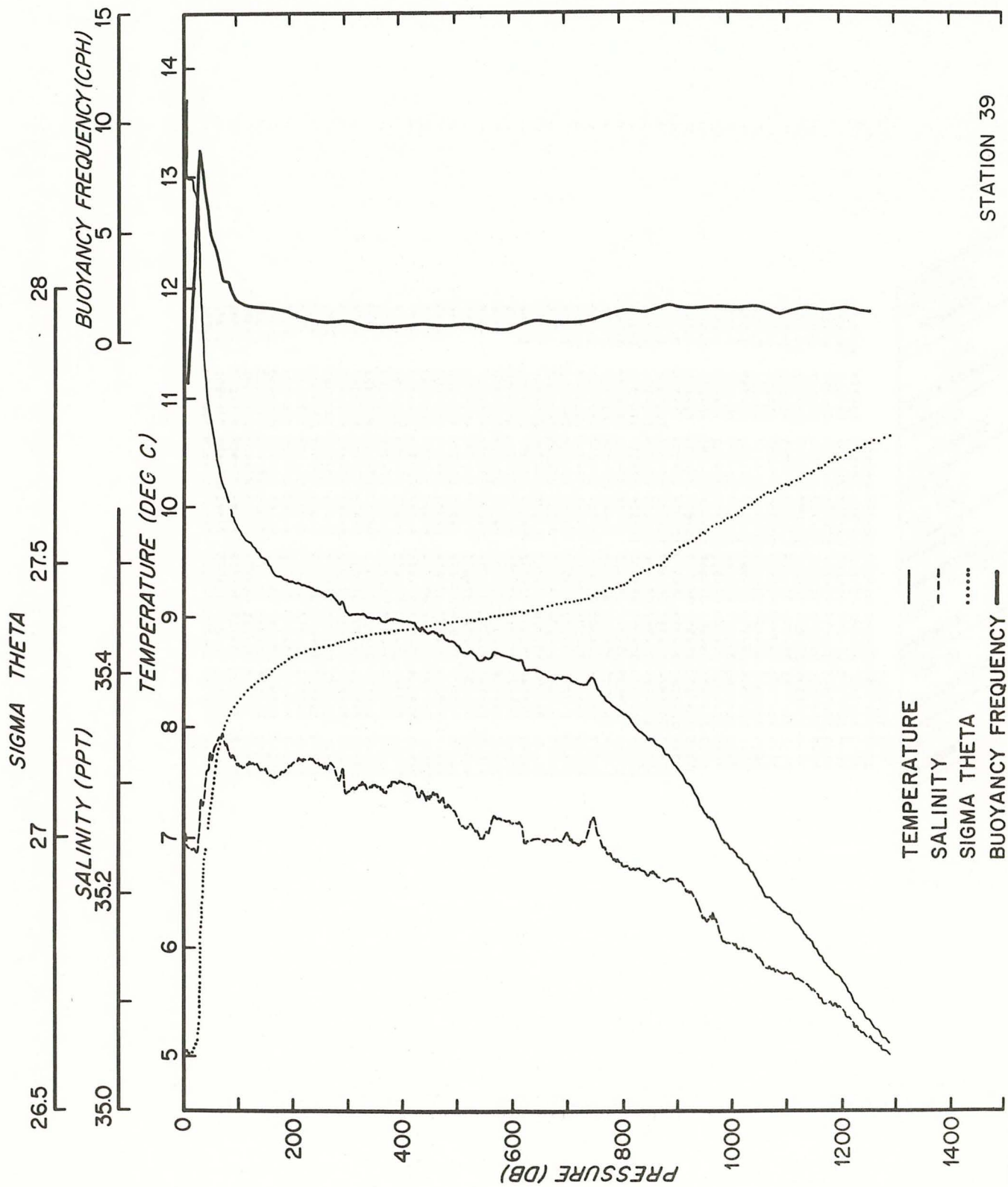
STATION 38

PRESSURE (dbar)	TEMPERATURE (deg C)	SALINITY (ppt)	CONDUCTIVITY (mmho/cm)	POT. TEMP. (deg C)	SIGMA THETA (gm/m ³)	AVERAGED PRESSURE (dbar)	BUOYANCY FREQUENCY (cp/h)
5.5	13.0661	35.182	41.329	13.177	26.515		
8.5	13.1781	35.174	41.212	13.060	26.532	13.750	2.287
19.0	13.0627	35.174	41.212	13.060	26.532	24.150	3.169
29.3	12.8688	35.165	41.020	12.865	26.564	34.567	9.744
39.8	11.5691	35.244	39.848	11.564	26.878	45.083	6.944
50.4	10.7575	35.259	39.087	10.751	27.039	55.400	4.664
60.4	10.2735	35.259	38.724	10.366	27.107	64.900	4.332
69.4	10.0760	35.260	38.445	10.068	27.160	74.467	3.858
79.6	9.8791	35.277	38.280	9.870	27.207	84.267	2.200
89.0	9.7675	35.271	38.171	9.757	27.221	93.850	4.131
98.7	9.6309	35.286	37.966	9.620	27.274	103.500	2.839
108.3	9.4739	35.283	37.819	9.462	27.297	113.033	2.699
117.8	9.3480	35.306	37.820	9.335	27.319	122.950	1.982
128.1	9.2768	35.307	37.758	9.263	27.332	132.950	1.364
166.5	9.1649	35.311	37.673	9.147	27.353	147.283	1.193
204.0	8.9178	35.279	37.426	8.896	27.369	185.217	.829
241.7	8.9273	35.290	37.463	8.901	27.376	222.817	.646
278.7	8.8318	35.286	37.433	8.852	27.380	260.200	.805
316.4	8.7473	35.269	37.316	8.723	27.386	297.550	.869
353.6	8.6588	35.265	37.264	8.651	27.394	334.937	.737
391.8	8.6207	35.254	37.211	8.579	27.399	372.667	.625
433.6	8.5098	35.241	37.114	8.462	27.404	417.700	.692
481.0	8.5058	35.247	37.132	8.454	27.409	462.300	.460
518.6	8.4533	35.238	37.091	8.398	27.410	499.783	.575
557.1	8.3913	35.229	37.041	8.332	27.413	537.833	.509
595.4	8.3503	35.231	37.060	8.327	27.415	576.233	.611
634.0	8.3245	35.222	37.006	8.257	27.418	614.717	.970
672.8	8.2308	35.216	36.930	8.159	27.428	653.433	.796
711.9	8.1499	35.208	36.863	8.074	27.433	692.383	.916
750.5	8.0443	35.197	36.772	7.965	27.441	731.200	1.174
789.6	7.8234	35.171	36.558	7.741	27.454	770.033	1.166
829.0	7.6198	35.191	36.590	7.733	27.470	809.300	1.578
868.2	7.4347	35.190	36.434	7.545	27.497	848.600	1.616
907.6	7.4357	35.189	36.265	7.343	27.525	887.900	1.617
947.4	7.1417	35.169	35.991	7.047	27.551	927.500	1.772
986.9	6.8251	35.153	35.700	6.728	27.583	967.157	1.675
1026.2	6.5536	35.142	35.463	6.461	27.612	1006.57	



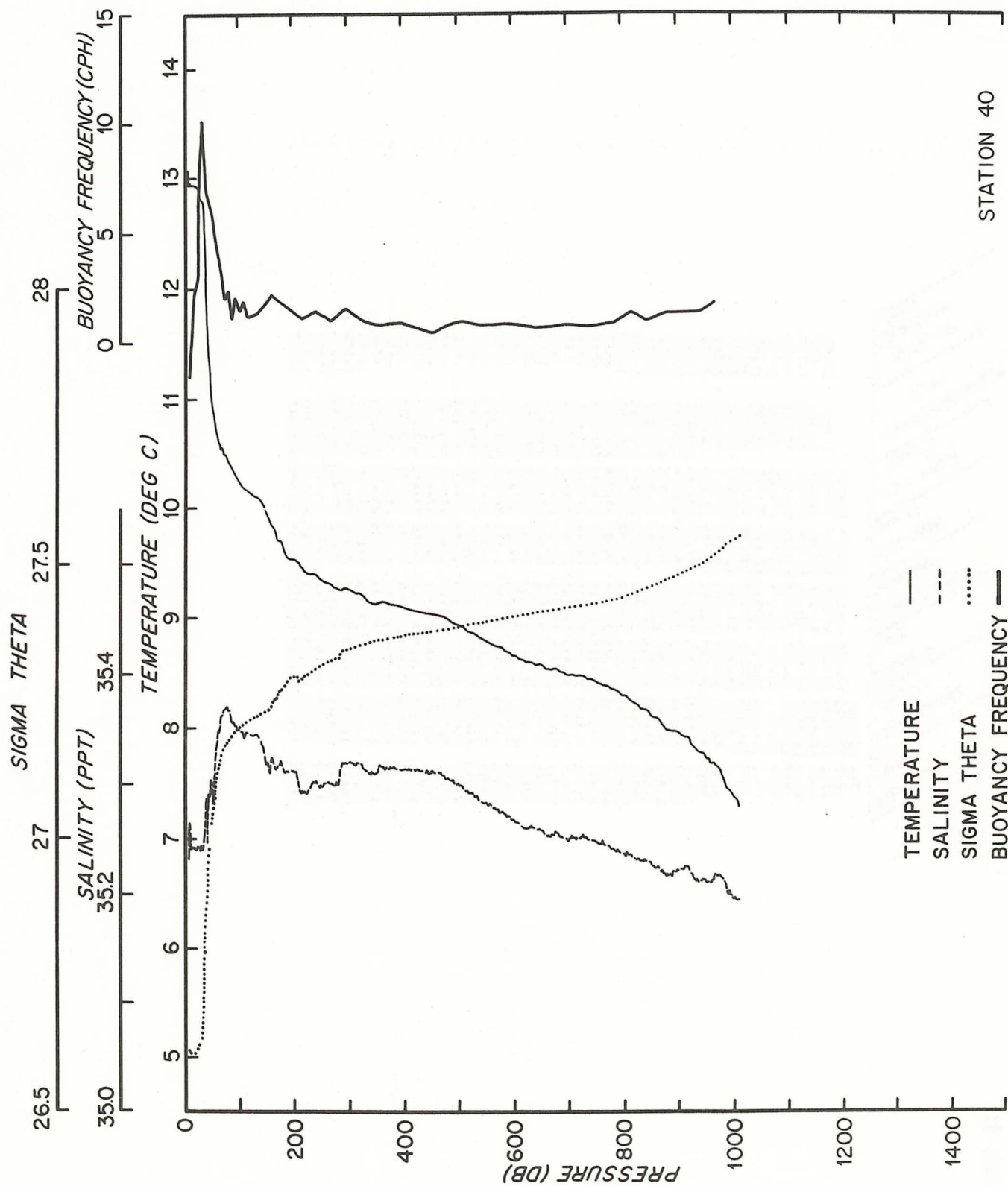
STATION 39

PRESSURE (dbar)	TEMPERATURE (deg C)	SALINITY (ppt)	CONDUCTIVITY (mmho/cm)	POT. TEMP. (deg C)	SIGMA THETA (gm/m ³)	AVERAGED PRESSURE (dbar)	BUOYANCY (gph)
13.7272	35.23	41.214	12.999	26.599			
8.4	35.239	41.209	12.991	26.596			1.842
10.7	35.238	41.211	12.990	26.596			1.140
17.7	35.238	41.211	12.990	26.596			2.581
26.6	35.236	41.090	12.863	26.619			8.794
36.5	35.280	40.120	11.810	26.859			7.380
47.3	35.312	39.321	10.942	27.045			4.976
58.0	35.332	38.987	10.567	27.128			4.155
68.3	35.341	38.737	10.290	27.184			2.758
79.1	35.335	38.569	10.115	27.210			2.810
89.4	35.324	38.376	9.918	27.235			2.004
100.3	35.317	38.269	9.806	27.249			1.836
110.4	35.313	38.199	9.730	27.259			1.686
120.5	35.316	38.166	9.687	27.268			1.619
161.3	35.306	37.952	9.447	27.300			1.482
202.8	35.318	37.874	9.329	27.328			1.084
243.1	35.319	37.822	9.249	27.342			.934
283.4	35.304	37.701	9.113	27.351			1.003
322.9	35.299	37.623	9.014	27.363			.639
362.8	35.294	37.591	8.962	27.367			.718
416.3	35.299	37.601	8.935	27.374			.815
457.0	35.291	37.534	8.849	27.381			.720
497.1	35.273	37.423	8.726	27.386			.790
536.8	35.256	37.311	8.603	27.392			.612
577.1	35.268	37.371	8.630	27.396			1.005
617.7	35.260	37.327	8.568	27.399			.839
658.9	35.249	37.219	8.440	27.410			1.184
699.4	35.253	37.213	8.407	27.418			1.472
739.9	35.263	37.235	8.397	27.426			1.673
780.4	35.232	36.997	8.152	27.439			1.492
821.4	35.223	36.818	7.947	27.463			1.601
861.7	35.216	36.675	7.780	27.482			1.550
902.9	35.211	36.470	7.542	27.513			1.649
943.7	35.178	36.153	7.213	27.535			1.284
984.7	35.157	35.873	6.911	27.561			1.587
1025.8	35.150	35.681	6.687	27.587			1.436
1067.4	35.133	35.403	6.382	27.615			1.566
1108.2	35.126	35.261	6.213	27.631			1.406
1149.4	35.110	35.003	5.926	27.656			
1190.3	35.096	34.787	5.683	27.676			
1231.0	35.075	34.503	5.371	27.698			
1271.2	35.058	34.279	5.120	27.715			



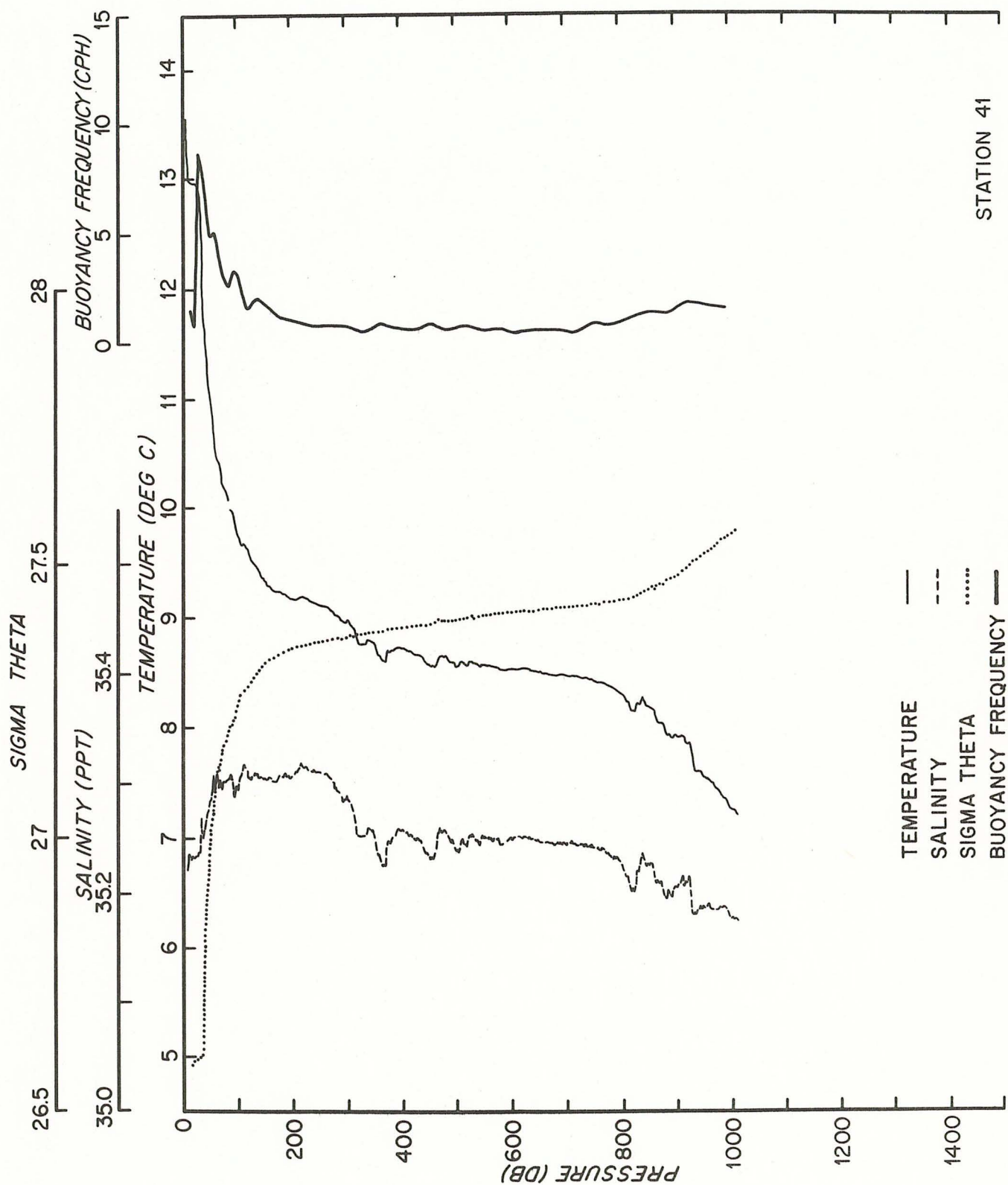
STATION 40

TEMPERATURE (deg C)	SALINITY (ppt)	CONDUCTIVITY (mmho/cm)	POT. TEMP. (deg C)	SIGMA THETA (gm/m ³)	AVERAGED PRESSURE (dbar)	BUOYANCY FREQUENCY (cpH)
10.2	35.242	41.159	12.937	26.610	10.717	1.509
11.3	35.241	41.162	12.940	26.609	14.017	1.403
16.8	35.242	41.167	12.942	26.608	20.383	2.225
24.0	35.244	41.127	12.894	26.619	27.417	2.915
30.8	35.240	41.025	12.789	26.638	34.200	10.174
37.6	35.282	40.141	11.829	26.858	41.183	6.953
44.8	35.290	39.615	11.273	26.968	48.383	6.304
51.8	35.300	39.215	10.841	27.055	55.100	5.418
58.4	35.324	39.063	10.644	27.117	61.783	3.992
65.1	35.350	38.969	10.526	27.150	68.567	3.185
72.0	35.367	38.944	10.477	27.172	75.500	1.960
79.0	35.369	38.911	10.437	27.180	82.617	2.353
86.2	35.360	38.802	10.328	27.193	89.517	1.092
92.8	35.352	38.748	10.276	27.195	96.100	2.007
99.4	35.349	38.689	10.214	27.203	103.067	1.381
106.7	35.347	38.659	10.181	27.207	110.150	1.826
113.6	35.347	38.624	10.140	27.214	116.983	1.130
120.4	35.344	38.601	10.114	27.217	123.433	1.269
127.1	35.322	38.425	9.936	27.230	130.450	2.176
134.0	35.317	38.186	9.675	27.269	137.450	1.680
140.8	35.309	38.029	9.501	27.293	144.450	1.093
147.6	35.296	37.914	9.378	27.302	151.450	1.419
154.4	35.300	37.858	9.299	27.318	158.450	.976
161.2	35.296	37.807	9.234	27.325	165.450	1.573
168.0	35.316	37.809	9.199	27.346	172.450	1.024
174.8	35.309	37.738	9.117	27.354	179.450	.808
181.6	35.314	37.750	9.109	27.358	186.450	.916
188.4	35.313	37.728	9.071	27.364	193.450	.646
195.2	35.313	37.705	9.031	27.370	200.450	.416
202.0	35.312	37.693	9.004	27.373	207.450	.829
208.8	35.308	37.676	8.975	27.373	214.450	.980
215.6	35.299	37.614	8.822	27.385	221.450	.797
222.4	35.291	37.544	8.747	27.389	228.450	.814
229.2	35.282	37.478	8.675	27.393	235.450	.876
236.0	35.273	37.417	8.591	27.398	242.450	.819
242.8	35.263	37.344	8.543	27.403	249.450	.784
249.6	35.260	37.311	8.479	27.406	256.450	.821
256.4	35.252	37.258	8.447	27.410	263.450	.722
263.2	35.251	37.242	8.411	27.415	270.450	.860
270.0	35.248	37.197	8.371	27.418	277.450	.899
276.8	35.242	37.145	8.305	27.424	284.450	1.390
283.6	35.233	37.075	8.223	27.429	291.450	1.003
290.4	35.231	36.977	8.104	27.445	298.450	1.362
297.2	35.224	36.908	8.020	27.452	305.450	1.351
304.0	35.221	36.807	7.898	27.468	312.450	1.582
310.8	35.218	36.713	7.784	27.482	319.450	1.851
317.6	35.211	36.588	7.641	27.498	326.450	
324.4	35.209	36.410	7.436	27.526	333.450	
331.2	35.207	36.283	7.283	27.554	340.450	
338.0	35.205	36.156	7.130	27.582	347.450	
344.8	35.203	36.029	6.977	27.610	354.450	
351.6	35.201	35.902	6.824	27.638	361.450	
358.4	35.199	35.775	6.671	27.666	368.450	
365.2	35.197	35.648	6.518	27.694	375.450	
372.0	35.195	35.521	6.365	27.722	382.450	
378.8	35.193	35.394	6.212	27.750	389.450	
385.6	35.191	35.267	6.059	27.778	396.450	
392.4	35.189	35.140	5.906	27.806	403.450	
399.2	35.187	35.013	5.753	27.834	410.450	
406.0	35.185	34.886	5.600	27.862	417.450	
412.8	35.183	34.759	5.447	27.890	424.450	
419.6	35.181	34.632	5.294	27.918	431.450	
426.4	35.179	34.505	5.141	27.946	438.450	
433.2	35.177	34.378	4.988	27.974	445.450	
440.0	35.175	34.251	4.835	28.002	452.450	
446.8	35.173	34.124	4.682	28.030	459.450	
453.6	35.171	34.000	4.529	28.058	466.450	
460.4	35.169	33.873	4.376	28.086	473.450	
467.2	35.167	33.746	4.223	28.114	480.450	
474.0	35.165	33.619	4.070	28.142	487.450	
480.8	35.163	33.492	3.917	28.170	494.450	
487.6	35.161	33.365	3.764	28.198	501.450	
494.4	35.159	33.238	3.611	28.226	508.450	
501.2	35.157	33.111	3.458	28.254	515.450	
508.0	35.155	32.984	3.305	28.282	522.450	
514.8	35.153	32.857	3.152	28.310	529.450	
521.6	35.151	32.730	3.000	28.338	536.450	
528.4	35.149	32.603	2.847	28.366	543.450	
535.2	35.147	32.476	2.694	28.394	550.450	
542.0	35.145	32.349	2.541	28.422	557.450	
548.8	35.143	32.222	2.388	28.450	564.450	
555.6	35.141	32.095	2.235	28.478	571.450	
562.4	35.139	31.968	2.082	28.506	578.450	
569.2	35.137	31.841	1.929	28.534	585.450	
576.0	35.135	31.714	1.776	28.562	592.450	
582.8	35.133	31.587	1.623	28.590	599.450	
589.6	35.131	31.460	1.470	28.618	606.450	
596.4	35.129	31.333	1.317	28.646	613.450	
603.2	35.127	31.206	1.164	28.674	620.450	
610.0	35.125	31.079	1.011	28.702	627.450	
616.8	35.123	30.952	0.858	28.730	634.450	
623.6	35.121	30.825	0.705	28.758	641.450	
630.4	35.119	30.698	0.552	28.786	648.450	
637.2	35.117	30.571	0.399	28.814	655.450	
644.0	35.115	30.444	0.246	28.842	662.450	
650.8	35.113	30.317	0.093	28.870	669.450	
657.6	35.111	30.190	-0.060	28.898	676.450	
664.4	35.109	30.063	-0.213	28.926	683.450	
671.2	35.107	29.936	-0.366	28.954	690.450	
678.0	35.105	29.809	-0.519	28.982	697.450	
684.8	35.103	29.682	-0.672	29.010	704.450	
691.6	35.101	29.555	-0.825	29.038	711.450	
698.4	35.099	29.428	-0.978	29.066	718.450	
705.2	35.097	29.301	-1.131	29.094	725.450	
712.0	35.095	29.174	-1.284	29.122	732.450	
718.8	35.093	29.047	-1.437	29.150	739.450	
725.6	35.091	28.920	-1.590	29.178	746.450	
732.4	35.089	28.793	-1.743	29.206	753.450	
739.2	35.087	28.666	-1.896	29.234	760.450	
746.0	35.085	28.539	-2.049	29.262	767.450	
752.8	35.083	28.412	-2.202	29.290	774.450	
759.6	35.081	28.285	-2.355	29.318	781.450	
766.4	35.079	28.158	-2.508	29.346	788.450	
773.2	35.077	28.031	-2.661	29.374	795.450	
780.0	35.075	27.904	-2.814	29.402	802.450	
786.8	35.073	27.777	-2.967	29.430	809.450	
793.6	35.071	27.650	-3.120	29.458	816.450	
800.4	35.069	27.523	-3.273	29.486	823.450	
807.2	35.067	27.396	-3.426	29.514	830.450	
814.0	35.065	27.269	-3.579	29.542	837.450	
820.8	35.063	27.142	-3.732	29.570	844.450	
827.6	35.061	27.015	-3.885	29.598	851.450	
834.4	35.059	26.888	-4.038	29.626	858.450	
841.2	35.057	26.761	-4.191	29.654	865.450	
848.0	35.055	26.634	-4.344	29.682	872.450	
854.8	35.053	26.507	-4.497	29.710	879.450	
861.6	35.051	26.380	-4.650	29.738	886.450	
868.4	35.049	26.253	-4.803	29.766	893.450	
875.2	35.047	26.126	-4.956	29.794	900.450	
882.0	35.045	26.000	-5.109	29.822	907.450	
888.8	35.043	25.873	-5.262	29.850	914.450	
895.6	35.041	25.746	-5.415	29.878	921.450	
902.4	35.039	25.619	-5.568	29.906	928.450	
909.2	35.037	25.492	-5.721	29.934	935.450	
916.0	35.035	25.365	-5.874	29.962	942.450	
922.8	35.033	25.238	-6.027	29.990	949.450	
929.6	35.031	25.111	-6.180	30.018	956.450	
936.4	35.029	24.984	-6.333	30.046	963.450	
943.2	35.027	24.857	-6.486	30.074	970.450	
950.0	35.025	24.730	-6.639	30.102	977.450	
956.8	35.023	24.603	-6.792	30.130	984.450	
963.6	35.021	24.476	-6.945	30.158	991.450	
970.4	35.019	24.349	-7.098	30.186	998.450	
977.2	35.017	24.222	-7.251	30.214	1005.450	
984.0	35.015	24.095	-7.404	30.242	1012.450	
990.8	35.013	23.968	-7.557	30.270	1019.450	
997.6	35.011	23.841	-7.710	30.298	1026.450	
1004.4	35.009	23.714	-7.863	30.326	1033.450	
1011.2	35.007	23.587	-8.016	30.354	1040.450	
1018.0	35.005	23.460	-8.169	30.382	1047.450	
1024.8	35.003	23.333	-8.322	30.410	1054.450	
1031.6	35.001	23.206	-8.475	30.438	1061.450	
1038.4	34.999	23.079	-8.628	30.466	1068.450	
1045.2	34.997	22.952	-8.781	30.494	1075.450	
1052.0	34.995	22.825	-8.934	30.522	1082.450	
1058.8	34.993	22.698	-9.087	30.550	1089.450	
1065.6	34.991	22.571	-9.240	30.578	1096.450	
1072.4	34.989	22.444	-9.393	30.606	1103.450	
1079.2	34.987	22.317	-9.546	30.634	1110.450	
1086.0	34.985	22.190	-9.699	30.662	1117.450	
1092.8	34.983	22.063	-9.852	30.690	1124.450	
1099.6	34.981	2				



STATION 41

PRESSURE (dbar)	TEMPERATURE (deg C)	SALINITY (ppt)	CONDUCTIVITY (mmho/cm)	POT. TEMP. (deg C)	SIGMA THETA (gm/m ³)	AVERAGED PRESSURE (dbar)	BUOYANCY FREQUENCY (cp/h)
5.4	13.5607	35.230	41.184	12.974	26.593		
12.2	12.9760	35.233	41.183	12.967	26.597	14.617	1.485
17.1	12.9696	35.233	41.181	12.960	26.598	21.800	1.649
26.5	12.9638	35.233	41.181	11.808	26.836	31.433	8.775
38.3	11.8129	35.229	40.086	11.084	26.591	41.000	7.263
45.7	11.0896	35.225	39.420	10.774	27.060	50.200	4.918
54.7	10.7811	35.291	39.144	10.424	27.135	59.400	5.065
64.1	10.4315	35.308	38.830	10.184	27.171	68.267	3.720
72.5	10.1929	35.301	38.598	10.067	27.193	76.600	2.873
80.7	10.0768	35.302	38.493	9.960	27.211	85.283	2.569
89.8	9.9703	35.302	38.395	9.750	27.243	94.250	3.378
98.7	9.7609	35.237	38.195	9.665	27.264	102.467	3.031
106.3	9.6475	35.306	38.128	9.628	27.276	110.650	2.055
115.0	9.6408	35.313	38.104	9.535	27.283	119.317	1.652
123.6	9.5487	35.302	38.010	9.280	27.326	140.167	2.064
156.7	9.2977	35.304	37.789	9.192	27.342	173.013	1.259
189.4	9.2129	35.306	37.725	9.163	27.352	205.950	1.014
222.5	9.1880	35.314	37.723	9.039	27.358	238.000	.825
253.5	9.1269	35.308	37.674	8.969	27.363	268.467	.845
283.4	8.9999	35.289	37.549	8.816	27.368	299.000	.814
314.6	8.8498	35.264	37.398	8.759	27.369	329.567	.489
344.5	8.7963	35.255	37.352	8.666	27.377	359.800	.941
375.1	8.7068	35.246	37.373	8.579	27.381	390.817	.696
406.6	8.7230	35.285	37.511	8.592	27.383	422.317	.570
438.1	8.6388	35.240	37.532	8.620	27.390	452.917	.901
467.8	8.6708	35.256	37.590	8.515	27.392	483.017	.587
498.3	8.5683	35.238	37.190	8.547	27.398	513.817	.780
529.4	8.4042	35.253	37.851	8.514	27.400	545.167	.574
561.0	8.4749	35.250	37.235	8.488	27.404	577.683	.646
594.4	8.5528	35.250	37.329	8.480	27.405	610.117	.475
625.8	8.5483	35.251	37.440	8.435	27.408	643.000	.587
660.2	8.5063	35.246	37.211	8.415	27.410	677.117	.552
694.1	8.4903	35.245	37.210	8.391	27.411	710.933	.416
727.8	8.4704	35.243	37.204	8.336	27.418	745.217	.850
762.6	8.4189	35.241	37.169	8.234	27.422	779.883	.766
797.1	8.3202	35.226	37.077	8.166	27.434	814.567	1.123
832.0	8.2460	35.229	37.035	7.965	27.449	849.283	1.338
866.6	8.0969	35.210	36.846	7.842	27.465	883.783	1.501
901.0	7.9368	35.206	36.745	7.527	27.493	917.833	1.813
934.7	7.4238	35.183	36.446	7.363	27.518	951.470	1.650
968.2	7.4626	35.185	36.312	7.168	27.540	984.567	1.613
1000.9	7.2692	35.177	36.140				



STATION 41



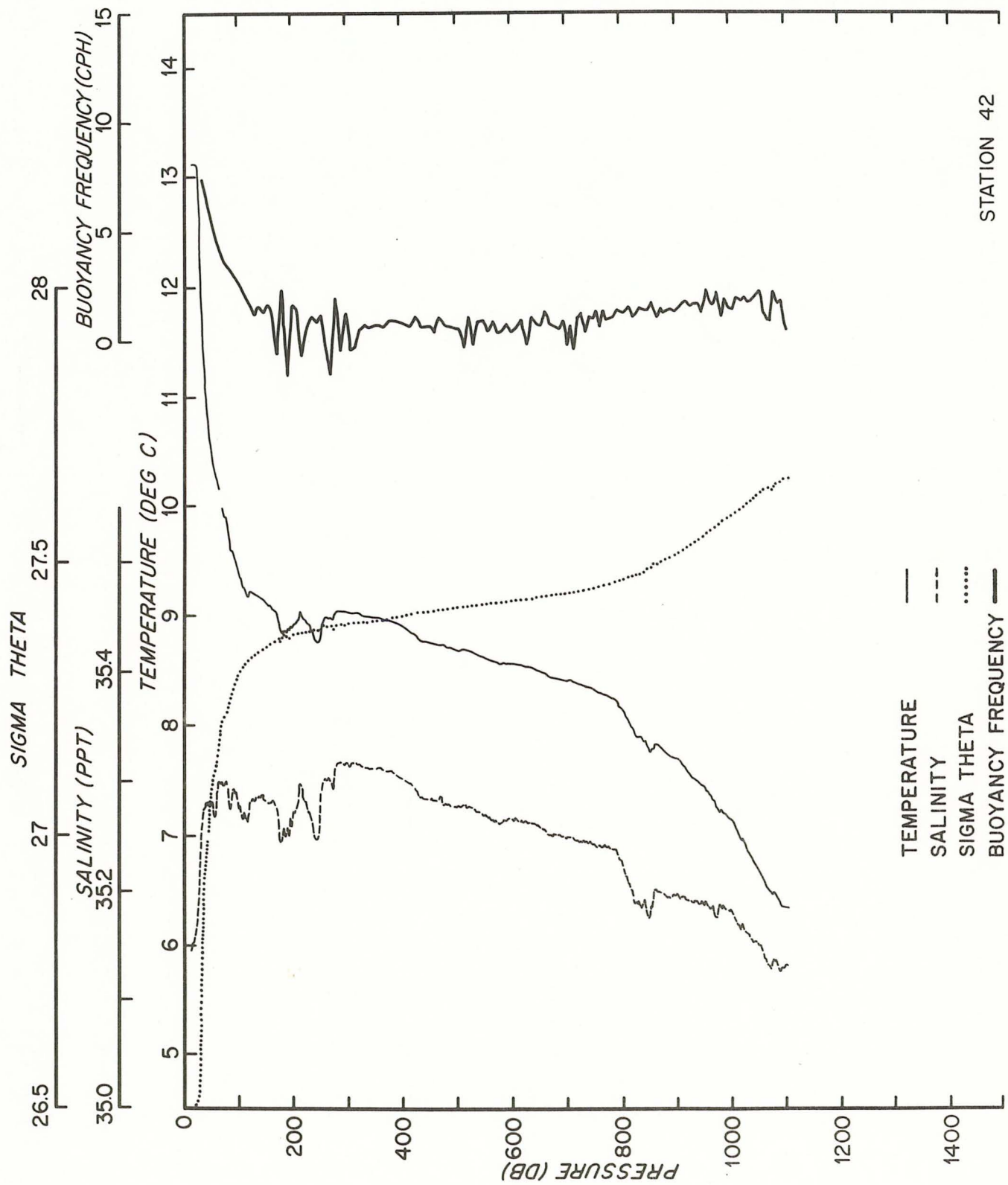
STATION 42

TEMPERATURE (deg C)	SALINITY (ppt)	CONDUCTIVITY (mmho/cm)	POT. TEMP. (deg C)	SIGMA THETA (gm/m ³)	AVERAGED PRESSURE (dbar)	BUOYANCY FREQUENCY (gph)
947.1	7.2660	35.182	36.125	7.166	27.544	964.067
974.4	7.2430	35.191	36.117	7.145	27.554	970.750
982.2	7.2104	35.187	36.086	7.111	27.556	978.317
988.0	7.1809	35.188	36.063	7.082	27.561	985.117
996.3	7.1415	35.187	36.028	7.042	27.566	992.133
1002.9	7.0940	35.181	35.982	6.994	27.568	999.583
1009.8	7.0041	35.173	35.894	6.904	27.574	1006.35
1016.8	6.9676	35.173	35.864	6.867	27.580	1013.30
1023.4	6.8996	35.169	35.800	6.799	27.586	1020.10
1031.4	6.8275	35.163	35.731	6.726	27.591	1027.38
1038.1	6.7525	35.156	35.659	6.651	27.596	1034.73
1045.8	6.6961	35.157	35.611	6.594	27.604	1041.95
1050.9	6.6365	35.155	35.556	6.535	27.611	1048.35
1058.6	6.5492	35.141	35.466	6.447	27.612	1054.75
1064.7	6.5155	35.136	35.433	6.413	27.613	1061.63
1071.4	6.4490	35.132	35.408	6.386	27.613	1068.05
1077.4	6.4712	35.140	35.401	6.368	27.621	1074.40
1084.2	6.4422	35.135	35.346	6.309	27.625	1080.78
1089.6	6.3651	35.132	35.302	6.261	27.630	1086.88
1096.7	6.3675	35.136	35.311	6.263	27.632	1093.12
1099.8	6.3654	35.136	35.310	6.261	27.632	1098.23
						1.510
						2.116
						1.001
						1.801
						1.438
						1.330
						1.921
						1.735
						1.914
						1.667
						1.806
						2.001
						2.212
						1.186
						.843
						.743
						2.169
						1.614
						1.789
						1.098
						.323

STATION 42

PRESSURE (dbar)	TEMPERATURE (deg C)	SALINITY (ppt)	CONDUCTIVITY (lmho/cm)	POT. TEMP. (deg C)	SIGMA THETA (gm/m ³)	AVERAGED PRESSURE (dbar)	BUOYANCY FREQUENCY (cpb)
14.6	13.1183	35.146	41.0235	13.116	26.099	556.717	7.073
15.9	10.5225	35.277	38.880	10.517	27.095	32.283	7.016
85.9	9.6049	35.253	38.087	9.599	27.058	67.917	3.009
121.5	9.2245	35.233	37.683	9.211	27.322	103.683	2.030
130.3	9.1995	35.233	37.662	9.185	27.326	128.867	1.036
136.6	9.1710	35.235	37.642	9.156	27.332	134.433	1.030
147.7	9.1325	35.283	37.608	9.116	27.337	143.167	1.034
156.9	9.0771	35.281	37.558	9.060	27.344	152.317	1.049
165.0	9.0513	35.280	37.539	9.039	27.348	160.933	1.049
174.2	8.9015	35.247	37.367	8.883	27.346	165.583	1.049
183.3	8.8691	35.259	37.332	8.849	27.361	178.750	2.095
192.5	8.8861	35.251	37.365	8.865	27.352	187.917	1.062
201.4	8.9384	35.272	37.438	8.917	27.360	194.950	1.072
210.3	9.0241	35.237	37.517	9.001	27.365	205.817	1.046
219.1	8.9740	35.234	37.471	8.950	27.364	211.700	1.073
228.5	8.9050	35.271	37.417	8.880	27.364	223.817	1.005
236.7	8.7720	35.251	37.236	8.767	27.367	232.583	1.018
245.9	8.7754	35.250	37.223	8.749	27.369	241.283	1.062
255.1	9.0004	35.303	37.550	8.972	27.374	250.517	1.077
264.6	8.9961	35.301	37.554	8.967	27.373	259.350	1.029
273.2	9.0005	35.252	37.548	8.971	27.366	267.900	1.020
281.8	9.0523	35.318	37.656	9.021	27.377	277.017	1.099
290.5	9.0562	35.317	37.633	9.024	27.376	286.167	1.074
299.0	9.0364	35.318	37.619	9.004	27.380	294.767	1.051
308.0	9.0370	35.318	37.623	9.003	27.380	303.500	1.076
316.8	9.0365	35.317	37.646	9.028	27.379	311.400	1.032
325.7	9.0135	35.313	37.644	8.978	27.380	321.250	1.050
334.3	9.0035	35.313	37.558	8.967	27.381	329.563	1.052
343.8	8.9995	35.313	37.599	8.962	27.382	339.050	1.070
352.0	8.9968	35.314	37.601	8.958	27.383	347.917	1.075
360.3	8.9845	35.310	37.592	8.945	27.384	356.150	1.026
368.8	8.9665	35.310	37.576	8.926	27.385	364.567	1.074
376.2	8.9578	35.311	37.573	8.916	27.387	373.533	1.024
405.7	8.8691	35.259	37.432	8.824	27.393	393.983	1.025
415.9	8.8430	35.259	37.468	8.797	27.393	411.300	1.044
423.4	8.7921	35.288	37.417	8.746	27.396	428.983	1.115
435.4	8.7758	35.286	37.403	8.728	27.397	431.267	1.092
445.7	8.7665	35.285	37.398	8.718	27.398	440.567	1.060
453.4	8.7555	35.284	37.390	8.706	27.398	449.533	1.093
462.7	8.7503	35.283	37.385	8.701	27.398	458.033	1.036
470.8	8.7156	35.280	37.360	8.695	27.401	466.833	1.037
488.0	8.6758	35.278	37.347	8.652	27.402	475.400	1.077
497.0	8.6955	35.278	37.347	8.641	27.403	483.933	1.076
505.2	8.6694	35.276	37.350	8.639	27.404	492.517	1.049
513.2	8.6894	35.276	37.348	8.633	27.404	501.083	1.023
523.0	8.6758	35.277	37.340	8.619	27.406	518.583	1.074
530.6	8.6591	35.273	37.332	8.601	27.406	526.900	1.054
540.6	8.6445	35.271	37.324	8.586	27.408	535.733	1.032
548.9	8.6215	35.271	37.294	8.562	27.409	544.750	1.057
553.1	8.5950	35.265	37.268	8.535	27.409	553.483	1.069
564.3	8.5849	35.265	37.222	8.524	27.411	562.183	1.086
576.6	8.5715	35.263	37.251	8.509	27.411	571.417	1.031
583.1	8.5785	35.263	37.263	8.515	27.412	579.833	1.089

PRESSURE (dbar)	TEMPERATURE (deg C)	SALINITY (ppt)	CONDUCTIVITY (lmho/cm)	POT. TEMP. (deg C)	SIGMA THETA (gm/m ³)	AVERAGED PRESSURE (dbar)	BUOYANCY FREQUENCY (cpb)
593.8	8.5805	35.267	37.272	8.516	27.413	588.450	1.040
601.5	8.5765	35.267	37.271	8.511	27.413	597.633	1.072
610.6	8.5619	35.265	37.259	8.496	27.414	606.017	1.001
618.3	8.5495	35.265	37.251	8.482	27.416	614.917	1.035
626.7	8.5445	35.263	37.249	8.476	27.416	623.967	1.016
635.9	8.5271	35.262	37.235	8.458	27.418	632.283	1.026
644.1	8.5172	35.262	37.228	8.448	27.419	638.500	1.078
653.0	8.4974	35.259	37.209	8.427	27.420	645.033	1.068
661.5	8.4873	35.257	37.201	8.417	27.420	651.967	1.077
669.9	8.4591	35.255	37.175	8.388	27.423	657.950	1.096
678.3	8.4453	35.253	37.144	8.373	27.424	664.617	1.089
687.9	8.4418	35.253	37.113	8.369	27.424	671.117	1.079
696.1	8.4390	35.253	37.113	8.366	27.425	677.033	1.031
704.5	8.4297	35.252	37.136	8.355	27.425	683.817	1.068
713.0	8.4230	35.252	37.131	8.348	27.426	690.567	1.066
721.9	8.4195	35.251	37.111	8.344	27.426	696.650	1.053
730.3	8.4070	35.249	37.111	8.331	27.427	703.333	1.072
738.3	8.4009	35.247	37.116	8.324	27.426	710.000	1.083
747.2	8.3849	35.246	37.113	8.307	27.428	716.450	1.063
756.3	8.3744	35.248	37.113	8.296	27.431	723.100	1.082
765.3	8.3685	35.247	37.114	8.289	27.431	729.800	1.071
774.2	8.3524	35.246	37.101	8.273	27.432	736.417	1.094
783.0	8.3306	35.244	37.082	8.250	27.434	743.367	1.076
791.9	8.3104	35.242	37.085	8.230	27.437	750.100	1.082
800.6	8.3005	35.242	37.057	8.219	27.437	756.150	1.053
809.6	8.2881	35.244	37.051	8.206	27.441	762.867	1.097
818.5	8.2769	35.243	37.042	8.194	27.442	769.683	1.037
827.5	8.2515	35.241	37.019	8.168	27.444	776.733	1.098
836.5	8.2285	35.238	36.998	8.144	27.445	783.617	1.072
845.9	8.1657	35.229	36.934	8.081	27.448	790.167	1.042
854.9	8.1195	35.223	36.888	8.034	27.451	796.783	1.089
863.0	8.0760	35.210	36.801	7.991	27.453	803.750	1.040
871.9	8.0360	35.204	36.780	7.899	27.456	810.533	1.006
880.2	7.9105	35.191	36.672	7.824	27.456	817.083	1.061
889.0	7.9047	35.194	36.672	7.818	27.460	824.383	1.024
897.8	7.8555	35.190	36.626	7.768	27.464	831.783	1.059
906.2	7.8125	35.185	36.584	7.725	27.467	838.683	1.034
915.0	7.7796	35.183	36.554	7.651	27.470	845.467	1.052
923.9	7.7391	35.204	36.613	7.750	27.478	852.650	1.019
932.9	7.8165	35.202	36.613	7.726	27.479	860.100	1.017
941.9	7.7885	35.201	36.588	7.698	27.483	866.833	1.058
950.6	7.7591	35.198	36.561	7.668	27.485	872.783	1.019
959.2	7.7290	35.197	36.536	7.637	27.489	879.950	1.045
968.0	7.7105	35.198	36.522	7.618	27.492	887.133	1.080
976.6	7.7015	35.200	36.518	7.608	27.495	893.617	1.050
985.3	7.6475	35.195	36.467	7.554	27.499	901.100	1.033
994.1	7.6305	35.198	36.456	7.536	27.504	907.900	1.050
1002.9	7.6096	35.194	36.399	7.475	27.509	914.400	1.034
1011.7	7.5355	35.193	36.359	7.440	27.514	921.750	1.048
1020.5	7.4991	35.193	36.339	7.403	27.519	929.100	1.063
1029.3	7.4661	35.192	36.310	7.370	27.523	935.833	1.003
1038.1	7.4545	35.194	36.304	7.358	27.526	942.767	1.076
1046.9	7.4841	35.193	36.280	7.287	27.536	950.233	2.022
1055.7	7.4205	35.188	36.180	7.223	27.541	957.383	1.047



STATION 42

STATION 43

TEMPERATURE (dbar)	SALINITY (ppt)	CONDUCTIVITY (mmho/cm)	POT. TEMP. (deg C)	SIGMA THETA (gm/m ³)	AVERAGED PRESSURE (dbar)	BUOYANCY FREQUENCY (cpm)
913.6	8.1419	35.2237	37.0065	8.143	27.443	908.517
923.4	8.1586	35.2231	37.023	8.099	27.444	918.483
932.3	8.1653	35.2229	36.994	8.045	27.448	927.833
940.8	8.1743	35.2227	36.957	8.023	27.452	936.533
950.7	8.0849	35.2225	36.922	7.983	27.457	945.717
960.6	8.0256	35.2224	36.871	7.923	27.466	955.650
970.0	8.0005	35.2223	36.851	7.897	27.465	965.310
980.6	7.9752	35.2223	36.831	7.871	27.472	975.300
989.7	7.9311	35.2222	36.792	7.826	27.478	985.150
999.7	7.8245	35.210	36.687	7.719	27.485	994.700
1009.6	7.7555	35.205	36.631	7.659	27.489	1004.67
1018.3	7.7389	35.212	36.616	7.632	27.499	1013.95
1029.3	7.7245	35.218	36.613	7.617	27.506	1023.77
1039.0	7.6604	35.219	36.558	7.552	27.516	1034.12
1049.1	7.6130	35.214	36.514	7.504	27.519	1044.05
1058.4	7.5390	35.210	36.446	7.429	27.527	1053.75
1068.6	7.5514	35.212	36.370	7.341	27.531	1063.48
1078.4	7.5071	35.200	36.322	7.296	27.538	1073.50
1088.7	7.3300	35.203	36.258	7.219	27.552	1083.55
1098.5	7.2706	35.201	36.205	7.159	27.559	1093.60
1108.4	7.1651	35.193	36.104	7.053	27.557	1103.45
1117.5	7.1459	35.193	36.090	7.033	27.570	1112.95
1126.1	7.0960	35.185	36.044	6.982	27.574	1122.78
1136.8	7.0585	35.187	36.012	6.944	27.578	1132.42
1146.1	6.9821	35.180	35.939	6.868	27.583	1141.47
1156.1	6.9081	35.166	35.770	6.642	27.596	1151.07
1165.7	6.8735	35.152	35.546	6.442	27.617	1160.88
1175.5	6.8135	35.140	35.394	6.301	27.632	1170.58
1185.5	6.8005	35.140	35.394	6.247	27.636	1180.48
1195.4	6.8240	35.137	35.278	6.170	27.645	1190.43
1204.4	6.8485	35.137	35.248	6.144	27.649	1199.87
1214.3	6.8380	35.122	35.138	6.024	27.652	1209.35
1224.7	6.8124	35.122	35.119	5.957	27.655	1219.58
1233.8	6.0570	35.120	35.070	5.941	27.661	1229.25
1243.6	5.9580	35.117	35.018	5.832	27.666	1238.73
1253.3	5.9461	35.111	34.969	5.829	27.668	1248.45
1263.0	5.8826	35.106	34.910	5.766	27.672	1258.15
1272.5	5.8485	35.107	34.884	5.731	27.677	1267.77
1282.2	5.7921	35.104	34.834	5.674	27.682	1277.37
1292.5	5.7410	35.100	34.788	5.622	27.685	1287.35
1301.4	5.7065	35.097	34.758	5.587	27.687	1296.95
1311.2	5.6755	35.097	34.733	5.555	27.691	1306.30
1320.2	5.6101	35.088	34.670	5.490	27.692	1315.68
1330.4	5.5482	35.046	34.401	5.230	27.693	1325.32
1341.2	5.5185	35.046	34.377	5.199	27.695	1335.82
1349.9	5.5535	35.055	34.420	5.233	27.698	1345.55
1359.7	5.4215	35.076	34.458	5.292	27.704	1354.78
1368.7	5.3472	35.073	34.442	5.298	27.706	1364.41
1378.4	5.3310	35.072	34.430	5.224	27.713	1373.53
1386.3	5.3025	35.072	34.407	5.207	27.714	1382.32
1394.2	5.2680	35.067	34.375	5.178	27.717	1390.25
1402.9	5.2035	35.065	34.319	5.143	27.718	1398.55
1411.8	5.2035	35.065	34.319	5.078	27.724	1407.35
1421.2	5.1935	35.060	34.260	5.014	27.727	1416.52

TEMPERATURE (dbar)	SALINITY (ppt)	CONDUCTIVITY (mmho/cm)	POT. TEMP. (deg C)	SIGMA THETA (gm/m ³)	AVERAGED PRESSURE (dbar)	BUOYANCY FREQUENCY (cpm)
1429.7	5.0990	35.059	34.225	4.973	27.731	1425.47
1440.5	5.0475	35.053	34.178	4.921	27.733	1435.10
1449.5	5.0151	35.052	34.152	4.888	27.735	1444.97
1457.4	5.0125	35.055	34.155	4.885	27.738	1453.45
1468.0	4.9846	35.050	34.130	4.856	27.738	1462.70
1477.8	4.9441	35.050	34.097	4.815	27.742	1472.68
1487.0	4.9001	35.047	34.078	4.791	27.743	1482.42
1495.9	4.8786	35.044	34.041	4.749	27.746	1491.45
1505.8	4.8486	35.044	34.018	4.718	27.749	1500.83
1515.4	4.7874	35.038	33.961	4.657	27.751	1510.58
1524.2	4.7721	35.038	33.951	4.641	27.753	1519.77
1532.2	4.7576	35.037	33.940	4.626	27.753	1528.18
1542.9	4.7470	35.039	33.937	4.614	27.757	1537.57
1551.1	4.7327	35.032	33.925	4.599	27.756	1547.02
1561.3	4.6046	35.019	33.799	4.472	27.757	1556.42
1569.6	4.5605	35.014	33.758	4.427	27.758	1565.45
1580.6	4.5457	35.012	33.748	4.412	27.758	1575.08
1588.8	4.5076	35.009	33.714	4.373	27.760	1584.72
1599.0	4.4886	35.010	33.702	4.353	27.762	1593.93
1606.6	4.5031	35.015	33.723	4.367	27.765	1602.83
1615.6	4.5141	35.018	33.739	4.377	27.766	1611.12
1624.9	4.5085	35.020	33.740	4.370	27.768	1620.27
1635.9	4.5076	35.026	33.747	4.369	27.773	1628.75
1647.1	4.4621	35.022	33.738	4.358	27.772	1635.73
1653.8	4.4355	35.018	33.683	4.323	27.775	1643.00
1662.4	4.4026	35.012	33.657	4.296	27.774	1650.45
1671.0	4.3501	35.012	33.609	4.262	27.777	1658.12
1678.0	4.3062	35.007	33.568	4.210	27.779	1666.70
1686.0	4.2556	35.002	33.522	4.168	27.780	1674.47
1693.7	4.2066	34.999	33.478	4.115	27.781	1682.35
1702.7	4.1755	34.995	33.450	4.066	27.784	1690.20
1710.4	4.1596	34.993	33.437	4.034	27.785	1698.17
1718.0	4.1396	34.991	33.421	4.018	27.785	1706.52
1727.3	4.0846	34.988	33.373	3.997	27.786	1714.18
1736.8	4.0251	34.981	33.317	3.942	27.789	1722.63
1743.1	3.95881	34.982	33.275	3.883	27.790	1731.02
1751.8	3.9700	34.980	33.255	3.845	27.795	1738.95
1760.4	3.9452	34.980	33.244	3.827	27.796	1747.47
1768.6	3.9320	34.978	33.207	3.802	27.797	1755.62
1778.8	3.8869	34.977	33.207	3.788	27.797	1763.05
1786.8	3.8631	34.974	33.186	3.718	27.801	1771.12
1795.0	3.8469	34.974	33.175	3.702	27.803	1779.70
1800.6	3.8276	34.973	33.160	3.682	27.804	1787.92
1808.6	3.8249	34.973	33.161	3.678	27.804	1796.32
1816.6	3.8272	34.972	33.130	3.640	27.807	1804.60
1823.9	3.7756	34.971	33.122	3.628	27.808	1812.57
1836.3	3.7756	34.971	33.122	3.628	27.808	1820.22

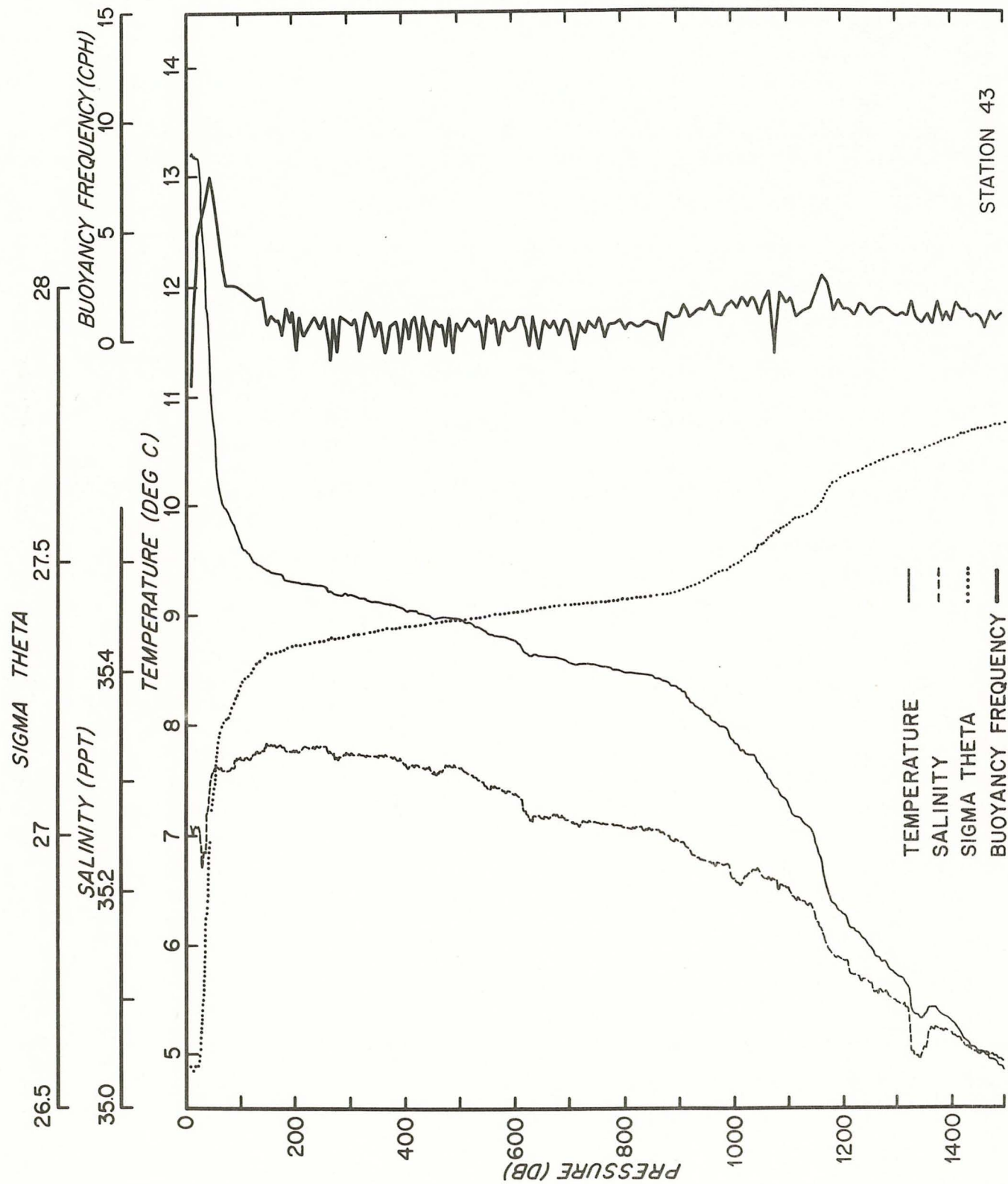
STATION 43

TEMPERATURE (deg C)	SALINITY (ppt)	CONDUCTIVITY (mmho/cm)	POT. TEMP. (deg C)	SIGMA THETA (gm/m ³)	AVERAGED PRESSURE (dbar)	BUOYANCY FREQUENCY (cpH)

TEMPERATURE (deg C)	SALINITY (ppt)	CONDUCTIVITY (mmho/cm)	POT. TEMP. (deg C)	SIGMA THETA (gm/m ³)	AVERAGED PRESSURE (dbar)	BUOYANCY FREQUENCY (cpH)

NO 43

8.8	13.1845	35.260	41.417	13.183	26.574	10.750	2.055
12.7	13.1900	35.254	41.418	13.188	26.568	10.750	2.055
32.6	12.4356	35.236	40.674	12.431	26.705	22.667	4.681
59.6	10.1645	35.314	38.578	10.158	27.187	46.083	7.529
86.4	9.4464	35.313	38.266	9.436	27.241	73.000	2.539
113.4	9.5889	35.320	38.080	9.576	27.290	98.233	2.429
140.3	9.4421	35.327	37.940	9.426	27.320	126.883	1.829
147.1	9.4224	35.334	37.931	9.406	27.329	133.733	2.024
153.7	9.4055	35.331	37.915	9.388	27.330	150.400	7.743
161.0	9.3870	35.331	37.901	9.369	27.333	157.333	1.223
167.6	9.3726	35.330	37.890	9.354	27.334	164.300	9.21
174.7	9.3625	35.330	37.884	9.343	27.336	171.133	9.977
181.2	9.3525	35.329	37.875	9.332	27.336	177.950	1.185
188.0	9.3425	35.325	37.871	9.326	27.341	184.533	1.535
194.5	9.3325	35.325	37.863	9.316	27.343	191.883	8.866
201.4	9.3225	35.328	37.824	9.307	27.346	197.983	1.310
207.8	9.3125	35.326	37.821	9.292	27.346	204.600	4.663
214.6	9.3025	35.320	37.829	9.283	27.348	211.167	1.144
221.5	9.2925	35.329	37.830	9.260	27.348	218.017	1.185
228.5	9.2825	35.328	37.826	9.253	27.349	224.883	5.06
235.4	9.2725	35.325	37.827	9.243	27.350	231.950	8.603
241.9	9.2625	35.320	37.821	9.238	27.352	238.650	1.103
249.4	9.2525	35.320	37.822	9.224	27.353	245.633	5.524
255.9	9.2425	35.320	37.816	9.224	27.354	252.633	9.31
262.5	9.2325	35.326	37.82	9.189	27.357	259.000	1.145
268.2	9.2225	35.322	37.811	9.179	27.355	265.833	9.921
275.7	9.2125	35.321	37.805	9.158	27.357	272.633	1.077
282.2	9.2025	35.320	37.797	9.138	27.359	279.533	5.679
288.8	9.1925	35.322	37.795	9.154	27.359	285.883	1.098
295.4	9.1825	35.325	37.765	9.153	27.361	292.117	9.31
302.2	9.1725	35.322	37.756	9.141	27.362	298.817	7.64
309.4	9.1625	35.324	37.746	9.128	27.363	305.783	6.68
315.5	9.1525	35.324	37.746	9.123	27.365	312.633	1.024
322.2	9.1425	35.322	37.746	9.120	27.364	318.850	5.540
329.7	9.1325	35.321	37.740	9.111	27.364	325.950	4.13
336.4	9.1225	35.323	37.725	9.091	27.368	333.033	1.344
342.1	9.1125	35.323	37.725	9.086	27.369	339.933	1.055
348.9	9.1025	35.323	37.725	9.083	27.369	345.517	2.56
356.1	9.0925	35.323	37.722	9.075	27.371	352.800	8.42
362.3	9.0825	35.323	37.720	9.068	27.372	359.000	8.15
369.3	9.0725	35.321	37.717	9.064	27.371	365.233	6.652
376.8	9.0625	35.320	37.709	9.052	27.372	373.050	6.84
382.1	9.0525	35.318	37.693	9.047	27.373	379.417	7.68
390.1	9.0425	35.314	37.679	9.028	27.374	386.067	9.29
397.3	9.0325	35.314	37.654	9.013	27.373	393.483	8.560
403.8	9.0225	35.313	37.667	9.006	27.375	400.567	9.40
410.4	9.0125	35.313	37.670	8.993	27.377	407.883	1.11
416.6	9.0025	35.311	37.650	8.968	27.380	420.733	9.08
423.0	8.9925	35.311	37.646	8.962	27.379	427.933	1.133
430.4	8.9825	35.311	37.637	8.950	27.381	434.017	1.110
437.0	8.9725	35.311	37.637	8.945	27.381	440.783	5.51
444.5	8.9625	35.306	37.616	8.924	27.381	447.950	5.521
451.4	8.9525	35.307	37.613	8.916	27.382	454.800	9.67

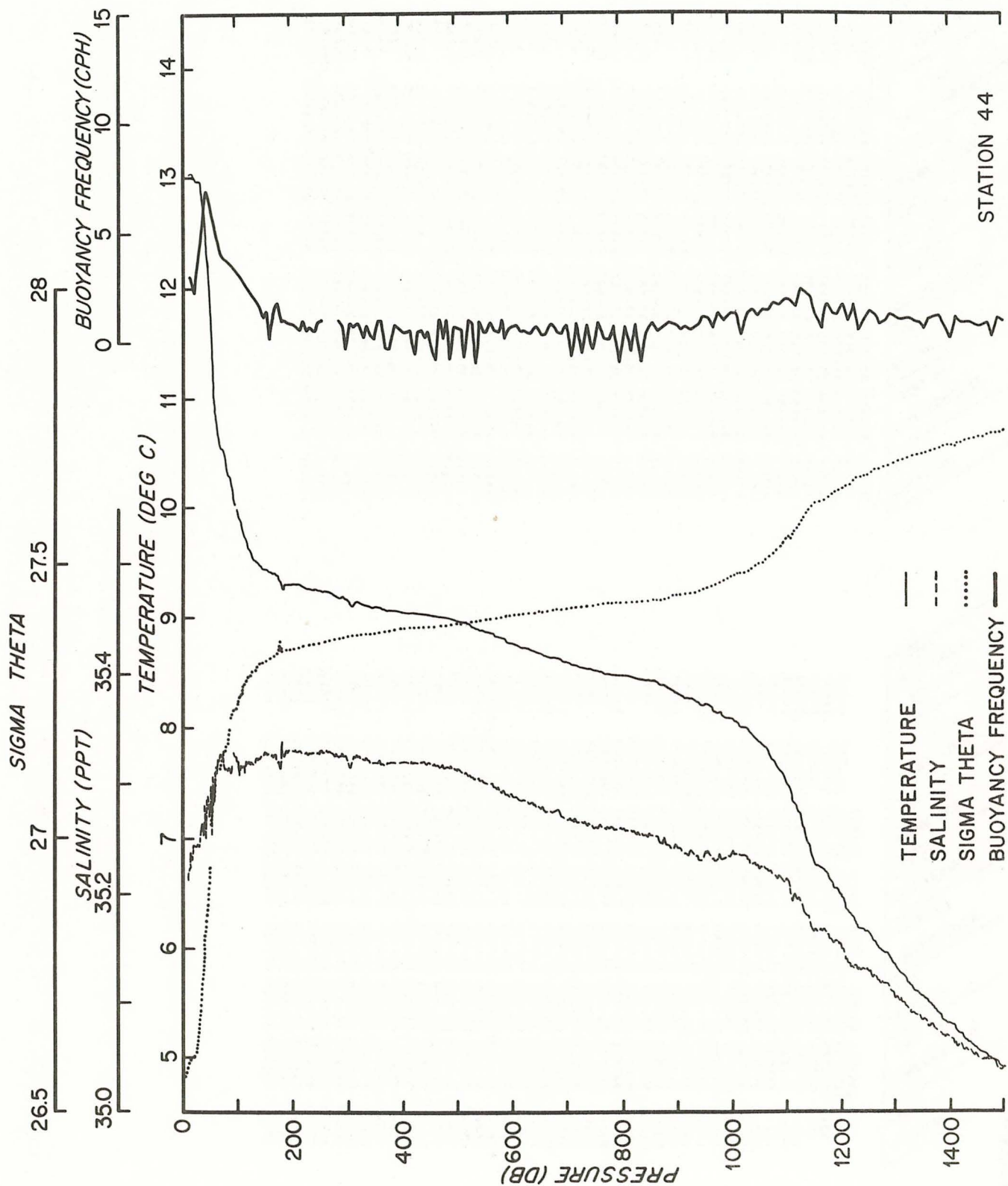


STATION 44

PRESSURE (dbar)	TEMPERATURE (deg C)	SALINITY (ppt)	CONDUCTIVITY (mmho/cm)	POT. TEMP. (deg C)	SIGMA THETA (gm/m ³)	AVERAGED PRESSURE (dbar)	BUOYANCY FREQUENCY (cpH)
911.0	8.2966	35.238	37.115	8.198	27.434	906.217	0.73
921.4	8.2915	35.240	37.117	8.192	27.437	916.217	0.97
931.4	8.2655	35.236	37.053	8.185	27.438	926.400	0.76
941.5	8.2346	35.232	37.065	8.173	27.439	936.467	0.874
951.5	8.2397	35.240	37.081	8.177	27.445	946.533	1.029
961.5	8.1760	35.232	37.019	8.072	27.449	956.517	1.307
971.6	8.1660	35.232	37.014	8.041	27.450	966.550	0.779
981.4	8.1265	35.243	36.982	8.031	27.457	976.767	1.510
991.5	8.1159	35.234	36.978	8.009	27.460	986.733	1.012
1002.2	8.0865	35.238	36.958	7.979	27.467	996.883	1.510
1011.6	8.0387	35.236	36.915	7.930	27.472	1006.93	1.541
1023.0	8.0320	35.235	36.913	7.922	27.473	1017.32	0.47
1032.5	7.9669	35.229	36.851	7.857	27.478	1027.75	1.467
1042.2	7.9114	35.228	36.802	7.801	27.485	1037.37	1.697
1052.5	7.8659	35.225	36.762	7.744	27.492	1047.38	1.376
1062.6	7.7976	35.222	36.700	7.685	27.498	1057.55	1.775
1072.5	7.7386	35.220	36.647	7.626	27.505	1067.52	1.663
1082.2	7.6564	35.219	36.573	7.543	27.516	1077.35	2.038
1092.7	7.5590	35.213	36.482	7.445	27.526	1087.48	1.929
1102.0	7.4715	35.212	36.404	7.357	27.538	1097.38	2.214
1111.6	7.3456	35.202	36.281	7.232	27.549	1107.82	2.121
1121.7	7.2607	35.198	36.203	7.146	27.557	1118.63	1.844
1131.1	7.0781	35.186	36.027	6.964	27.574	1128.40	2.680
1141.8	6.8920	35.172	35.846	6.778	27.589	1138.45	2.443

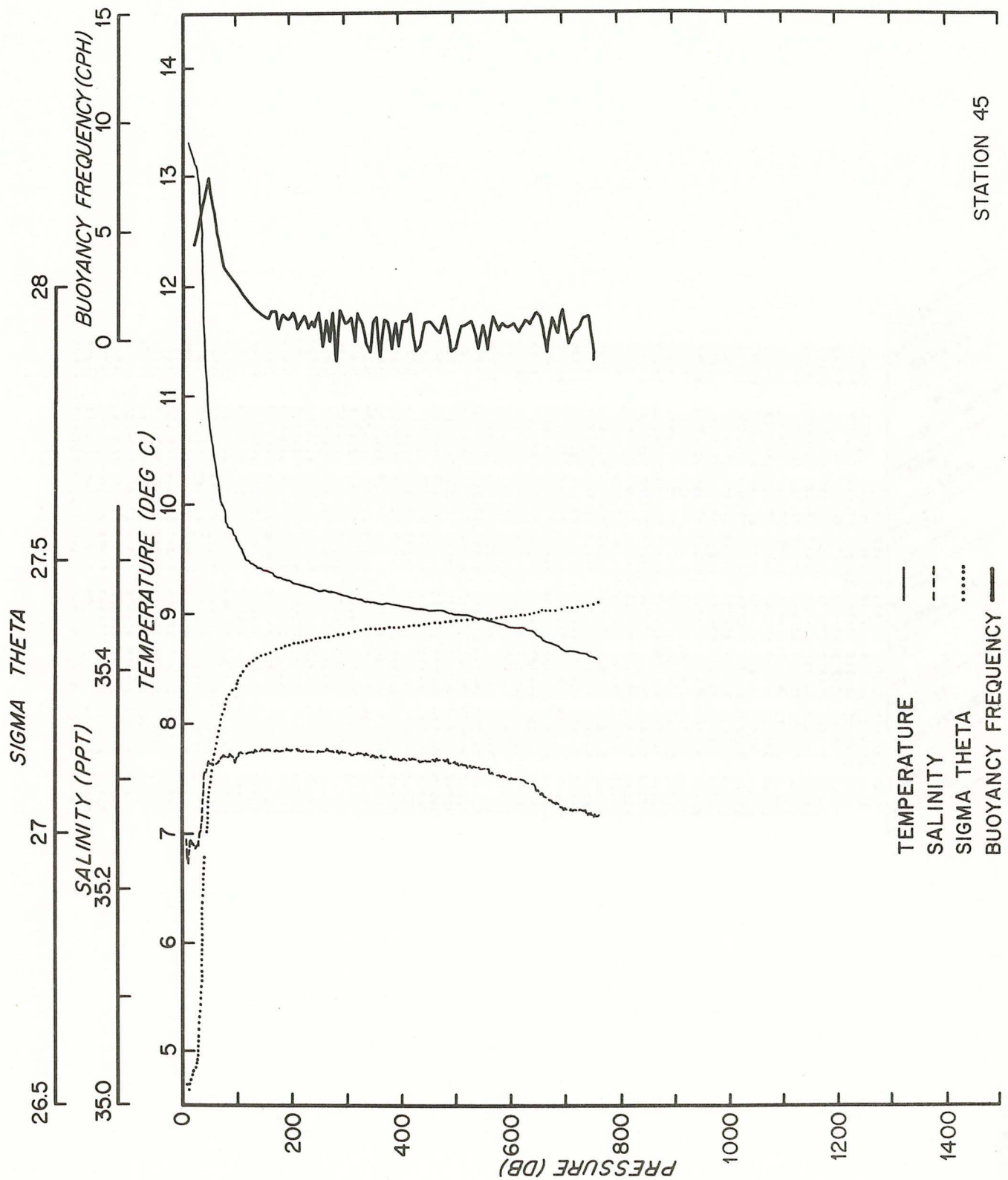
STATION 44

TEMPERATURE (deg C)	SALINITY (ppt)	CONDUCTIVITY (mmho/cm)	POT. TEMP. (deg C)	SIGMA THETA (gm/m ³)	AVERAGED PRESSURE (dbar)	BUOYANCY (gph)
9.7	35.263	35.210	12.026	26.567	472.2	9.0107
17.4	35.2996	35.293	12.047	26.590	478.4	9.0055
30.0	35.306	35.241	12.026	26.611	485.0	8.9945
56.4	35.351	35.282	10.928	27.024	491.9	8.9880
84.2	35.4291	35.312	10.239	27.171	497.7	8.9795
111.8	35.4915	35.315	9.679	27.269	505.1	8.9643
138.0	35.5683	35.321	9.053	27.311	512.0	8.9492
145.2	35.6405	35.324	8.424	27.318	518.0	8.9342
151.3	35.7144	35.326	7.7937	27.321	525.1	8.9191
158.1	35.7881	35.325	7.1697	27.325	532.6	8.9031
164.8	35.8615	35.323	6.5459	27.325	540.0	8.8875
171.7	35.9341	35.319	5.9215	27.330	547.3	8.8714
178.2	35.9965	35.311	5.2941	27.338	554.5	8.8540
184.1	36.0585	35.322	4.6678	27.340	561.7	8.8360
191.0	36.1206	35.327	4.0418	27.342	568.9	8.8175
198.3	36.1826	35.329	3.4158	27.344	576.2	8.7985
204.7	36.2446	35.329	2.7898	27.346	583.4	8.7790
211.2	36.3066	35.329	2.1638	27.347	590.6	8.7595
218.7	36.3686	35.326	1.5378	27.348	597.8	8.7395
225.2	36.4306	35.326	0.9118	27.350	605.0	8.7190
231.6	36.4926	35.327	0.2858	27.351	612.2	8.6985
238.7	36.5546	35.327	-0.3402	27.352	619.4	8.6775
244.6	36.6166	35.328	-0.9642	27.353	626.6	8.6565
251.5	36.6786	35.328	-1.5882	27.355	633.8	8.6350
258.2	36.7406	35.330	-2.2122	27.357	641.0	8.6135
264.4	36.8026	35.327	-2.8362	27.356	648.2	8.5920
270.5	36.8646	35.327	-3.4602	27.354	655.4	8.5705
276.8	36.9266	35.326	-4.0842	27.354	662.6	8.5490
283.2	36.9886	35.324	-4.7082	27.360	669.8	8.5275
290.2	37.0506	35.326	-5.3322	27.363	677.0	8.5060
296.0	37.1126	35.323	-5.9562	27.364	684.2	8.4845
302.9	37.1746	35.312	-6.5802	27.364	691.4	8.4630
308.9	37.2366	35.312	-7.2042	27.363	698.6	8.4415
315.2	37.2986	35.321	-7.8282	27.366	705.8	8.4200
322.1	37.3606	35.322	-8.4522	27.367	713.0	8.3985
327.4	37.4226	35.322	-9.0762	27.368	720.2	8.3770
335.0	37.4846	35.320	-9.7002	27.369	727.4	8.3555
341.2	37.5466	35.318	-10.3242	27.371	734.6	8.3340
347.2	37.6086	35.318	-10.9482	27.371	741.8	8.3125
353.9	37.6706	35.318	-11.5722	27.371	749.0	8.2910
360.6	37.7326	35.317	-12.1962	27.373	756.2	8.2695
366.5	37.7946	35.318	-12.8202	27.375	763.4	8.2480
373.8	37.8566	35.318	-13.4442	27.375	770.6	8.2265
379.4	37.9186	35.318	-14.0682	27.374	777.8	8.2050
385.2	37.9806	35.319	-14.6922	27.378	785.0	8.1835
391.4	38.0426	35.320	-15.3162	27.379	792.2	8.1620
400.0	38.1046	35.319	-15.9402	27.380	799.4	8.1405
406.3	38.1666	35.318	-16.5642	27.380	806.6	8.1190
412.3	38.2286	35.318	-17.1882	27.380	813.8	8.0975
418.3	38.2906	35.318	-17.8122	27.381	821.0	8.0760
424.3	38.3526	35.318	-18.4362	27.381	828.2	8.0545
430.3	38.4146	35.318	-19.0602	27.381	835.4	8.0330
436.3	38.4766	35.318	-19.6842	27.381	842.6	8.0115
442.3	38.5386	35.318	-20.3082	27.381	849.8	7.9900
448.3	38.6006	35.318	-20.9322	27.381	857.0	7.9685
454.3	38.6626	35.318	-21.5562	27.381	864.2	7.9470
460.3	38.7246	35.318	-22.1802	27.381	871.4	7.9255
466.3	38.7866	35.318	-22.8042	27.381	878.6	7.9040
472.3	38.8486	35.318	-23.4282	27.381	885.8	7.8825
478.3	38.9106	35.318	-24.0522	27.381	893.0	7.8610
484.3	38.9726	35.318	-24.6762	27.381	900.2	7.8395
490.3	39.0346	35.318	-25.3002	27.381	907.4	7.8180
496.3	39.0966	35.318	-25.9242	27.381	914.6	7.7965
502.3	39.1586	35.318	-26.5482	27.381	921.8	7.7750
508.3	39.2206	35.318	-27.1722	27.381	929.0	7.7535
514.3	39.2826	35.318	-27.7962	27.381	936.2	7.7320
520.3	39.3446	35.318	-28.4202	27.381	943.4	7.7105
526.3	39.4066	35.318	-29.0442	27.381	950.6	7.6890
532.3	39.4686	35.318	-29.6682	27.381	957.8	7.6675
538.3	39.5306	35.318	-30.2922	27.381	965.0	7.6460
544.3	39.5926	35.318	-30.9162	27.381	972.2	7.6245
550.3	39.6546	35.318	-31.5402	27.381	979.4	7.6030
556.3	39.7166	35.318	-32.1642	27.381	986.6	7.5815
562.3	39.7786	35.318	-32.7882	27.381	993.8	7.5600
568.3	39.8406	35.318	-33.4122	27.381	1001.0	7.5385
574.3	39.9026	35.318	-34.0362	27.381	1008.2	7.5170
580.3	39.9646	35.318	-34.6602	27.381	1015.4	7.4955
586.3	40.0266	35.318	-35.2842	27.381	1022.6	7.4740
592.3	40.0886	35.318	-35.9082	27.381	1029.8	7.4525
598.3	40.1506	35.318	-36.5322	27.381	1037.0	7.4310
604.3	40.2126	35.318	-37.1562	27.381	1044.2	7.4095
610.3	40.2746	35.318	-37.7802	27.381	1051.4	7.3880
616.3	40.3366	35.318	-38.4042	27.381	1058.6	7.3665
622.3	40.3986	35.318	-39.0282	27.381	1065.8	7.3450
628.3	40.4606	35.318	-39.6522	27.381	1073.0	7.3235
634.3	40.5226	35.318	-40.2762	27.381	1080.2	7.3020
640.3	40.5846	35.318	-40.9002	27.381	1087.4	7.2805
646.3	40.6466	35.318	-41.5242	27.381	1094.6	7.2590
652.3	40.7086	35.318	-42.1482	27.381	1101.8	7.2375
658.3	40.7706	35.318	-42.7722	27.381	1109.0	7.2160
664.3	40.8326	35.318	-43.3962	27.381	1116.2	7.1945
670.3	40.8946	35.318	-44.0202	27.381	1123.4	7.1730
676.3	40.9566	35.318	-44.6442	27.381	1130.6	7.1515
682.3	41.0186	35.318	-45.2682	27.381	1137.8	7.1300
688.3	41.0806	35.318	-45.8922	27.381	1145.0	7.1085
694.3	41.1426	35.318	-46.5162	27.381	1152.2	7.0870
700.3	41.2046	35.318	-47.1402	27.381	1159.4	7.0655
706.3	41.2666	35.318	-47.7642	27.381	1166.6	7.0440
712.3	41.3286	35.318	-48.3882	27.381	1173.8	7.0225
718.3	41.3906	35.318	-49.0122	27.381	1181.0	7.0010
724.3	41.4526	35.318	-49.6362	27.381	1188.2	6.9795
730.3	41.5146	35.318	-50.2602	27.381	1195.4	6.9580
736.3	41.5766	35.318	-50.8842	27.381	1202.6	6.9365
742.3	41.6386	35.318	-51.5082	27.381	1209.8	6.9150
748.3	41.7006	35.318	-52.1322	27.381	1217.0	6.8935
754.3	41.7626	35.318	-52.7562	27.381	1224.2	6.8720
760.3	41.8246	35.318	-53.3802	27.381	1231.4	6.8505
766.3	41.8866	35.318	-54.0042	27.381	1238.6	6.8290
772.3	41.9486	35.318	-54.6282	27.381	1245.8	6.8075
778.3	42.0106	35.318	-55.2522	27.381	1253.0	6.7860
784.3	42.0726	35.318	-55.8762	27.381	1260.2	6.7645
790.3	42.1346	35.318	-56.5002	27.381	1267.4	6.7430
796.3	42.1966	35.318	-57.1242	27.381	1274.6	6.7215
802.3	42.2586	35.318	-57.7482	27.381	1281.8	6.7000
808.3	42.3206	35.318	-58.3722	27.381	1289.0	6.6785
814.3	42.3826	35.318	-58.9962	27.381	1296.2	6.6570
820.3	42.4446	35.318	-59.6202	27.381	1303.4	6.6355
826.3	42.5066	35.318	-60.2442	27.381	1310.6	6.6140
832.3	42.5686	35.318	-60.8682	27.381	1317.8	6.5925
838.3	42.6306	35.318	-61.4922	27.381	1325.0	6.5710
844.3	42.6926	35.318	-62.1162	27.381	1332.2	6.5495
850.3	42.7546	35.318	-62.7402	27.381	1339.4	6.5280
856.3	42.8166	35.318	-63.3642	27.381	1346.6	6.5065
862.3	42.8786	35.318	-63.9882	27.381	1353.8	6.4850
868.3	42.9406	35.318	-64.6122	27.381	1361.0	6.4635
874.3	43.0026	35.318	-65.2362	27.381	1368.2	6.4420
880.3	43.0646	35.318	-65.8602	27.381	1375.4	6.4205
886.3	43.1266	35.318	-66.4842	27.381	1382.6	6.3990
892.3	43.1886	35.318	-67.1082	27.381	1389.8	6.3775
898.3	43.2506	35.318	-67.7322	27.381	1397.0	6.3560
904.3	43.3126	35.318	-68.3562	27.381	1404.2	6.3345
910.3	43.3746	35.318	-68.9802	27.381	1411.4	6.3130
916.3	43.4366	35.318	-69.6042	27.381	1418.6	6.2915
922.3	43.4986	35.318	-70.2282	27.381	1425.8	6.2700
928.3	43.5606	35.318	-70.8522	27.381	1433.0	6.2485
934.3	43.6226	35.318	-71.4762	27.381	1440.2	6.2270
940.3	43.6846	35.318	-72.1002	27.381	1447.4	6.2055
946.3	43.7466	35.318	-72.7242	27.381	1454.6	6.1840
952.3	43.8086	35.318	-73.3482	27.381	1461.8	6.1625
958.3	43.8706	35.318	-73.9722	27.381	1469.0	6.1410
964.3	43.9326	35.318	-74.5962	27.381	1476.2	6.1195
970.3	43.9946	35.318	-75.2202	27.381	1483.4	6.0980
976.3	44.0566	35.318	-75.8442	27.381	1490.6	6.0765
982.3	44.1186	35.318	-76.4682	27.381	1497.8	6.0550
988.3	44.1806	35.318	-77.0922	27.381	1505.0	6.0335
994.3	44.2426	35.318	-77.7162	27.381	1512.2	6.0120
1000.3	44.3046	35.318	-78.3402	27.381	1519.4	



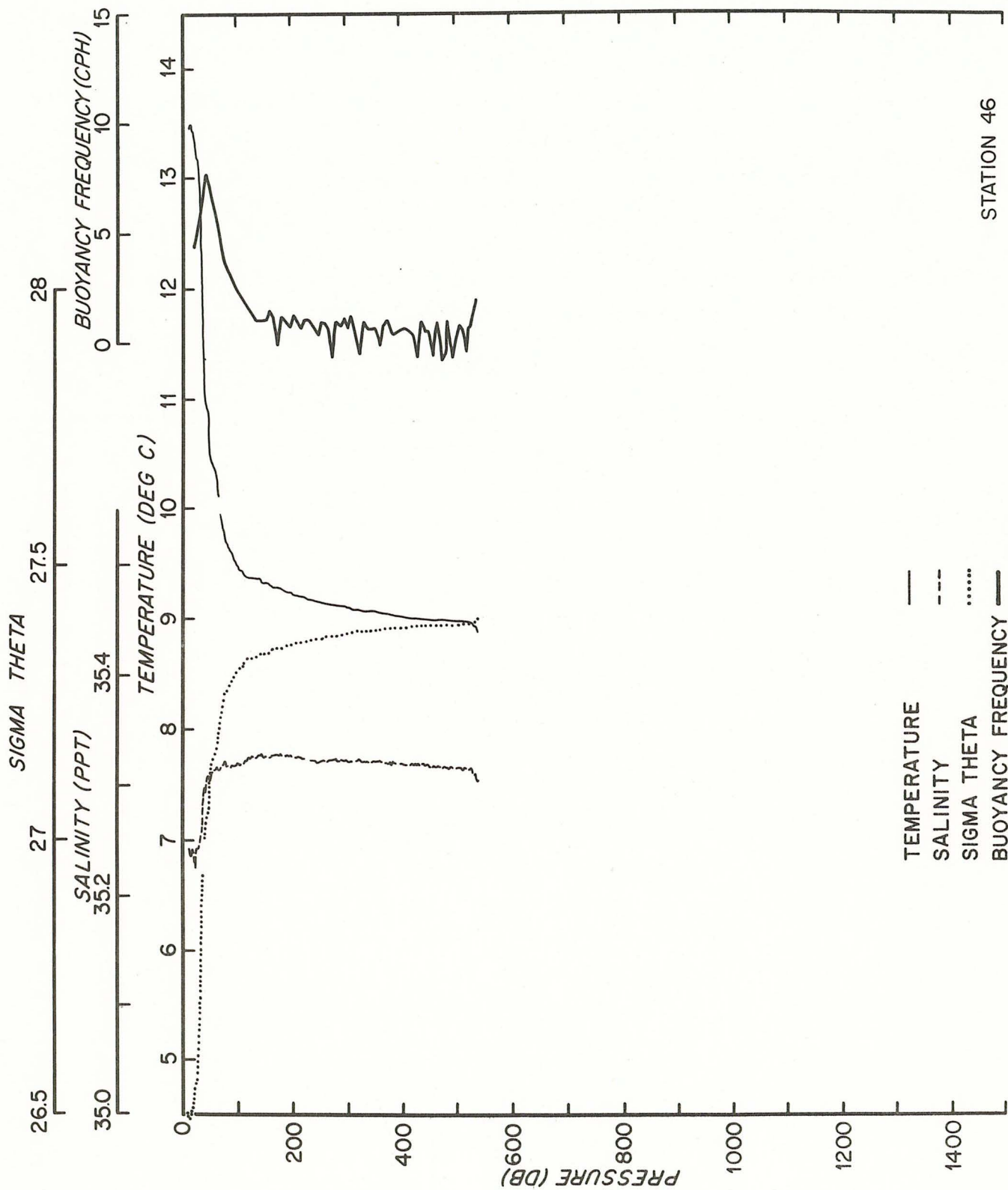
STATION 45

PRESSURE (dbar)	TEMPERATURE (deg C)	SALINITY (psu)	CONDUCTIVITY (mmho/cm)	POT. TEMP. (deg C)	SIGMA THETA (gm/m ³)	AVERAGED PRESSURE (dbar)	BUOYANCY FREQUENCY (cph)
10.2	13.3180	35.251	41.538	13.317	26.539	13.317	26.539
33.4	12.6155	35.253	40.867	12.611	26.683	21.783	44.33
60.9	10.2875	35.313	38.695	10.280	27.165	47.117	74.56
88.5	9.7744	35.321	38.227	9.764	27.260	74.817	3.335
116.5	9.4496	35.322	37.979	9.486	27.307	102.650	2.345
144.7	9.4438	35.327	37.915	9.598	27.325	130.617	1.452
151.3	9.4015	35.328	37.907	9.385	27.327	147.983	1.105
158.3	9.3870	35.327	37.896	9.369	27.329	154.767	0.941
165.2	9.3330	35.326	37.876	9.345	27.333	161.717	1.334
171.6	9.3330	35.327	37.860	9.324	27.336	166.400	1.361
178.2	9.3395	35.326	37.859	9.320	27.337	174.900	1.490
185.1	9.3250	35.327	37.849	9.304	27.340	181.617	1.192
192.4	9.3150	35.327	37.843	9.294	27.342	188.717	0.927
198.7	9.3005	35.327	37.832	9.278	27.344	195.517	1.051
205.6	9.2913	35.327	37.817	9.258	27.347	202.110	1.286
211.8	9.2795	35.327	37.818	9.256	27.347	206.700	0.464
218.7	9.2640	35.326	37.815	9.240	27.349	215.233	0.843
225.5	9.2541	35.327	37.805	9.229	27.351	222.083	1.111
232.8	9.2450	35.325	37.793	9.219	27.351	229.150	0.490
239.0	9.2382	35.325	37.789	9.212	27.353	235.433	0.904
244.3	9.2334	35.325	37.787	9.206	27.353	241.157	0.579
251.6	9.2189	35.327	37.778	9.191	27.357	247.947	1.272
257.7	9.2187	35.326	37.780	9.190	27.356	254.667	0.348
264.1	9.2150	35.328	37.785	9.190	27.358	260.883	0.872
270.7	9.2106	35.326	37.778	9.190	27.358	267.400	0.193
277.3	9.1969	35.327	37.769	9.166	27.361	274.033	1.246
284.5	9.1959	35.323	37.768	9.164	27.358	280.900	1.022
290.6	9.1904	35.325	37.758	9.149	27.362	287.533	1.423
296.9	9.1754	35.325	37.756	9.142	27.363	293.733	0.720
303.4	9.1515	35.323	37.744	9.128	27.364	300.150	0.793
309.7	9.1510	35.324	37.737	9.117	27.366	306.583	0.998
316.8	9.1484	35.323	37.737	9.113	27.365	313.267	0.059
323.4	9.1389	35.325	37.733	9.103	27.368	320.033	1.224
330.6	9.1354	35.323	37.722	9.089	27.369	326.947	0.745
337.5	9.1350	35.323	37.724	9.088	27.369	334.033	0.216
343.4	9.1225	35.321	37.723	9.084	27.368	340.433	0.645
350.4	9.1140	35.320	37.717	9.075	27.369	346.900	0.657
357.4	9.1089	35.322	37.717	9.069	27.371	353.900	1.043
364.3	9.1079	35.320	37.717	9.067	27.370	360.850	0.813
371.0	9.1002	35.320	37.713	9.059	27.371	367.633	0.900
378.1	9.0853	35.320	37.712	9.053	27.372	374.533	0.759
384.7	9.0851	35.318	37.707	9.046	27.372	381.400	0.454
391.7	9.0826	35.318	37.704	9.039	27.373	388.200	0.745



STATION 46

PRESSURE (dbar)	TEMPERATURE (deg C)	SALINITY (ppt)	CONDUCTIVITY (mmho/cm)	POT. TEMP. (deg C)	SIGMA THETA (gm/m ³)	AVERAGED PRESSL (dbar)	BUOYANCY (gph)
11.8	13.445	35.242	41.073	13.463	26.502	21.267	4.410
30.7	12.920	35.248	41.158	12.916	26.618	21.267	7.735
59.2	10.350	35.315	38.757	10.343	27.155	44.967	3.740
89.0	9.606	35.318	38.063	9.596	27.285	74.100	2.179
118.4	9.382	35.325	37.871	9.369	27.329	103.717	.982
147.3	9.334	35.325	37.838	9.317	27.337	132.850	1.079
154.2	9.325	35.327	37.835	9.308	27.339	150.750	1.407
162.0	9.310	35.327	37.816	9.283	27.344	158.100	1.035
168.5	9.292	35.328	37.809	9.271	27.346	165.217	.166
175.3	9.286	35.327	37.810	9.269	27.346	171.867	1.211
182.6	9.285	35.327	37.795	9.249	27.349	178.450	.922
189.3	9.265	35.327	37.790	9.239	27.351	185.967	.679
197.3	9.245	35.326	37.781	9.227	27.351	193.283	1.264
204.3	9.226	35.326	37.763	9.204	27.355	200.783	.842
211.1	9.210	35.326	37.757	9.194	27.356	207.700	.651
218.9	9.201	35.324	37.749	9.182	27.357	214.983	1.039
225.4	9.195	35.325	37.742	9.171	27.359	222.133	1.067
233.3	9.180	35.325	37.732	9.155	27.362	229.350	.670
240.9	9.167	35.323	37.721	9.140	27.363	237.100	.331
247.1	9.151	35.322	37.717	9.134	27.363	244.017	.904
254.2	9.156	35.323	37.717	9.128	27.364	250.683	.839
262.2	9.156	35.323	37.710	9.117	27.366	258.233	.534
268.7	9.142	35.323	37.709	9.112	27.366	265.467	.721
274.7	9.141	35.321	37.710	9.111	27.365	271.717	.954
282.2	9.135	35.323	37.709	9.104	27.367	278.467	.734
289.3	9.131	35.323	37.709	9.100	27.368	285.767	1.049
296.4	9.120	35.324	37.702	9.087	27.371	293.050	1.255
304.1	9.110	35.323	37.695	9.076	27.372	300.450	.385
311.2	9.092	35.323	37.682	9.058	27.375	307.850	.597
318.6	9.085	35.323	37.681	9.053	27.375	314.900	.953
325.7	9.076	35.321	37.682	9.052	27.374	322.167	.578
332.3	9.040	35.323	37.683	9.047	27.376	329.017	.639
340.0	9.078	35.322	37.681	9.041	27.377	336.167	.554
347.6	9.070	35.322	37.679	9.035	27.377	343.817	.180
354.7	9.057	35.322	37.679	9.030	27.378	351.183	.853
362.4	9.048	35.322	37.681	9.029	27.378	358.553	1.031
369.8	9.055	35.321	37.671	9.015	27.379	366.100	.320
376.8	9.050	35.323	37.671	9.009	27.381	373.283	.626
384.2	9.045	35.321	37.663	8.998	27.381	380.517	.350
415.1	9.013	35.320	37.656	8.973	27.384	399.667	.719
422.7	9.018	35.320	37.659	8.972	27.385	418.917	.990
430.4	9.020	35.319	37.663	8.973	27.383	426.783	.500
437.4	9.019	35.321	37.667	8.971	27.385	434.117	.423
443.8	9.011	35.320	37.662	8.963	27.385	440.617	.666
452.8	9.006	35.319	37.659	8.956	27.386	448.333	.940
458.9	9.005	35.317	37.659	8.954	27.385	455.883	.825
465.6	9.009	35.319	37.660	8.949	27.386	462.293	.488
473.3	9.005	35.317	37.663	8.950	27.384	469.467	.971
480.5	9.005	35.316	37.668	8.952	27.384	476.883	.750
486.0	9.003	35.318	37.671	8.950	27.385	483.217	.127
492.6	9.005	35.316	37.671	8.948	27.384	489.283	.783
499.6	9.003	35.316	37.675	8.948	27.384	496.100	.439
506.5	8.997	35.317	37.673	8.942	27.385	503.233	.677
513.2	8.993	35.316	37.671	8.936	27.385	510.017	.718
518.0	8.991	35.315	37.671	8.934	27.385	515.600	1.398
522.3	8.987	35.315	37.668	8.929	27.385	520.183	.1954
527.1	8.980	35.314	37.663	8.921	27.386	525.717	
531.7	8.954	35.312	37.639	8.896	27.388	529.417	
435.4	8.900	35.306	37.584	8.841	27.392	433.467	

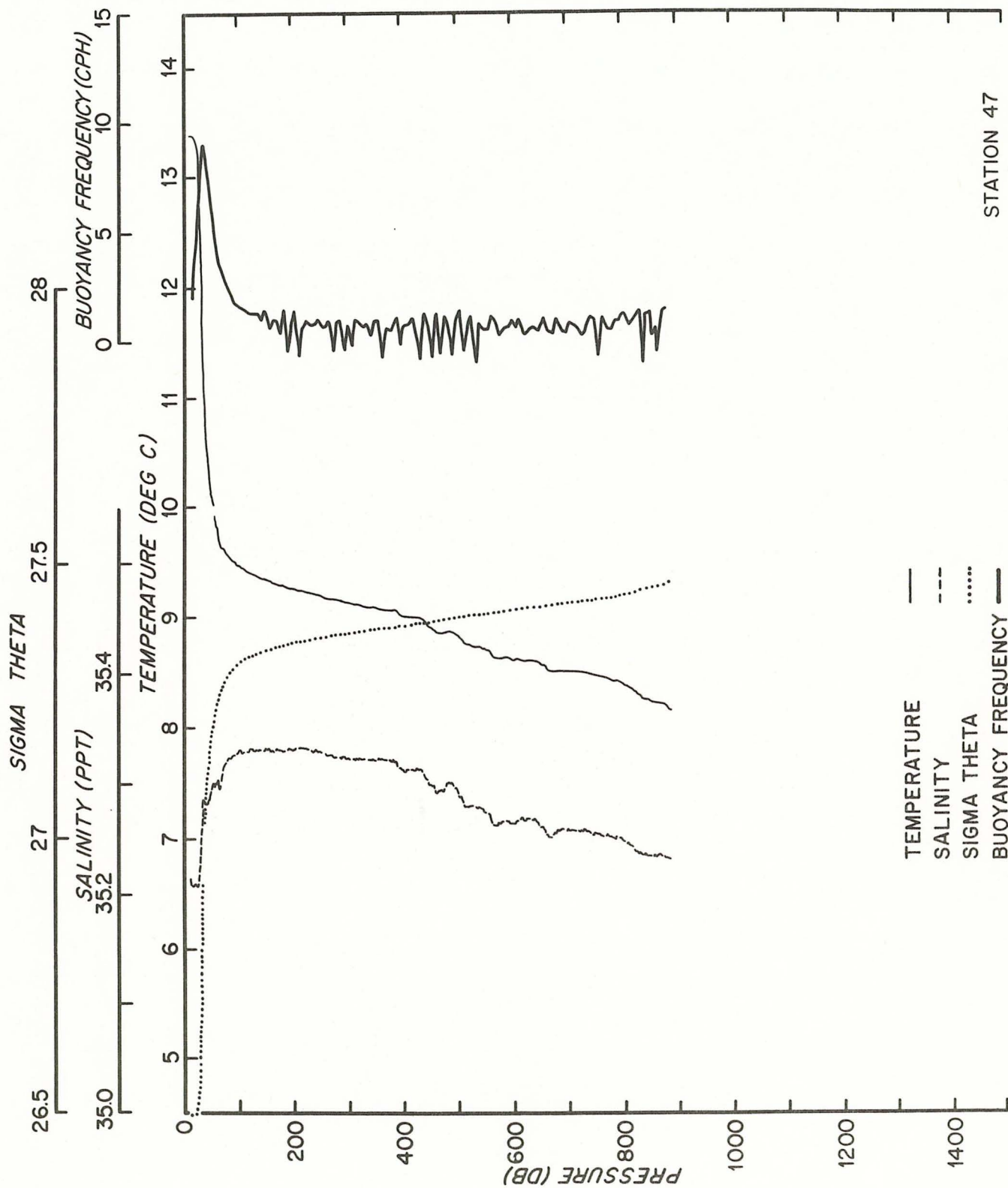


Pressure (dbar)	Temperature (deg C)	Salinity (ppt)	Conductivity (mmho/cm)	Pot. Temp. (deg C)	Sigma Theta (gm/m ³)	Averaged Pressure (dbar)	Buoyancy (gph)
705.3	8.5050	35.256	37.239	8.428	27.417	701.017	.807
712.0	8.4985	35.256	37.236	8.421	27.418	708.633	.718
719.7	8.4955	35.256	37.237	8.417	27.418	715.850	.562
727.2	8.4910	35.255	37.235	8.412	27.418	723.450	.478
734.8	8.4845	35.254	37.231	8.405	27.418	731.017	.463
743.2	8.4855	35.254	37.217	8.385	27.421	739.017	1.117
750.3	8.4576	35.255	37.213	8.376	27.423	746.767	.880
757.5	8.4505	35.251	37.206	8.368	27.421	754.117	.753
766.4	8.4419	35.253	37.204	8.359	27.424	762.167	1.103
773.1	8.4298	35.251	37.193	8.346	27.424	769.750	.468
781.5	8.4235	35.250	37.190	8.339	27.424	777.300	.456
789.5	8.4095	35.249	37.180	8.324	27.426	785.517	.895
796.9	8.3870	35.247	37.159	8.301	27.427	793.200	.922
803.9	8.3646	35.246	37.141	8.278	27.430	800.383	1.248
812.8	8.3385	35.242	37.116	8.251	27.431	808.333	.666
819.7	8.3065	35.237	37.085	8.218	27.432	816.233	.964
827.9	8.2824	35.236	37.065	8.193	27.436	823.767	1.201
835.0	8.2505	35.235	37.037	8.161	27.439	831.417	1.391
838.4	8.2506	35.233	37.037	8.160	27.438	836.683	1.070
842.1	8.2530	35.234	37.031	8.152	27.439	840.250	1.235
847.6	8.2297	35.234	37.021	8.139	27.442	844.850	1.193
851.1	8.2264	35.235	37.021	8.135	27.443	849.367	1.294
856.6	8.2218	35.234	37.018	8.130	27.443	853.867	.197
861.0	8.2214	35.235	37.020	8.129	27.444	858.800	.591
865.7	8.2161	35.233	37.016	8.123	27.443	863.367	.522
869.7	8.2139	35.233	37.015	8.120	27.443	867.733	.633
875.0	8.1762	35.228	36.978	8.082	27.445	872.367	1.327
880.0	8.1566	35.228	36.962	8.062	27.448	877.517	1.435
876.2	8.1680	35.230	36.973	8.074	27.448	878.117	.551
871.2	8.2059	35.233	37.008	8.112	27.444	873.717	1.721

STATION 47

PRESSURE (dbar)	TEMPERATURE (deg C)	SALINITY (ppt)	CONDUCTIVITY (mmho/cm)	POT. TEMP. (deg C)	SIGMA THETA (gm/m ³)	AVERAGED PRESSURE (dbar)	BUOYANCY (tph)
11.2	13.2754	35.209	41.551	13.27	26.495	17.317	2.065
12.5	13.2825	35.204	41.462	13.28	26.511	17.317	2.065
13.7	10.1295	35.221	38.518	10.12	27.175	36.600	8.950
14.8	9.4570	35.320	38.029	9.45	27.292	63.283	3.715
15.7	9.4463	35.326	37.927	9.43	27.319	90.750	1.763
16.8	9.3784	35.329	37.877	9.35	27.332	111.683	1.277
17.4	9.3603	35.339	37.853	9.45	27.335	134.767	1.042
18.4	9.3525	35.350	37.860	9.36	27.337	142.100	1.550
19.3	9.3321	35.331	37.846	9.31	27.342	149.050	1.503
19.5	9.3204	35.330	37.836	9.30	27.343	158.833	1.445
19.8	9.3090	35.329	37.827	9.29	27.344	168.350	1.301
19.8	9.2990	35.330	37.821	9.28	27.346	168.867	1.271
19.8	9.2921	35.328	37.816	9.27	27.346	175.817	1.268
18.5	9.2716	35.330	37.802	9.25	27.351	182.900	1.492
19.5	9.2703	35.325	37.803	9.24	27.350	190.033	1.450
19.8	9.2644	35.329	37.797	9.23	27.351	196.683	1.411
20.1	9.2496	35.332	37.792	9.22	27.356	203.467	1.431
21.5	9.2505	35.331	37.795	9.22	27.355	210.783	1.451
22.0	9.2429	35.330	37.790	9.21	27.356	217.417	1.442
22.8	9.2295	35.330	37.780	9.20	27.358	224.067	1.560
23.9	9.2175	35.328	37.771	9.19	27.359	231.317	1.732
24.1	9.2105	35.328	37.767	9.18	27.359	238.167	1.701
24.5	9.1910	35.327	37.751	9.16	27.362	245.433	1.006
25.0	9.1780	35.325	37.740	9.15	27.362	252.717	1.567
25.5	9.1715	35.325	37.736	9.14	27.363	259.263	1.653
25.5	9.1590	35.324	37.727	9.12	27.365	266.033	1.882
26.9	9.1565	35.323	37.727	9.12	27.364	273.200	1.935
28.3	9.1496	35.323	37.724	9.11	27.366	280.383	1.857
28.9	9.1444	35.325	37.723	9.11	27.368	286.900	1.019
29.6	9.1355	35.322	37.715	9.10	27.367	293.300	1.582
30.6	9.1287	35.322	37.712	9.09	27.368	300.633	1.12
31.2	9.1206	35.320	37.705	9.08	27.368	307.900	1.243
31.2	9.1163	35.321	37.705	9.08	27.369	314.233	1.012
32.3	9.1065	35.321	37.699	9.07	27.371	320.767	1.856
33.1	9.0983	35.320	37.694	9.06	27.372	328.083	1.445
33.9	9.0925	35.321	37.692	9.05	27.373	335.400	1.795
34.1	9.0888	35.320	37.691	9.05	27.373	342.533	1.50
35.6	9.0810	35.320	37.687	9.04	27.375	349.383	1.566
35.2	9.0761	35.322	37.686	9.03	27.376	355.900	1.756
36.1	9.0775	35.320	37.690	9.03	27.375	362.650	1.682
37.3	9.0732	35.320	37.688	9.02	27.376	369.200	1.651
38.0	9.0705	35.320	37.689	9.02	27.376	376.283	1.61
38.1	9.0606	35.319	37.682	9.01	27.377	383.683	1.778
39.5	9.0146	35.312	37.655	8.97	27.379	390.300	1.086
40.6	9.0037	35.310	37.625	8.95	27.379	397.083	1.132

PRESSURE (dbar)	TEMPERATURE (deg C)	SALINITY (ppt)	CONDUCTIVITY (mmho/cm)	POT. TEMP. (deg C)	SIGMA THETA (gm/m ³)	AVERAGED PRESSURE (dbar)	BUOYANCY (tph)
407.2	9.0038	35.311	37.629	8.959	27.380	403.900	1.744
414.5	8.9975	35.311	37.627	8.952	27.381	410.833	1.809
421.6	8.9934	35.313	37.628	8.947	27.383	418.033	1.061
428.5	8.9894	35.313	37.627	8.942	27.383	425.033	1.362
435.2	8.9706	35.306	37.606	8.923	27.381	431.833	1.903
442.8	8.9255	35.301	37.555	8.874	27.385	438.683	1.321
450.6	8.9247	35.297	37.532	8.845	27.386	446.117	1.760
456.9	8.8687	35.289	37.503	8.819	27.385	453.767	1.766
464.6	8.8597	35.292	37.501	8.809	27.388	460.750	1.270
472.1	8.8671	35.292	37.512	8.815	27.387	468.367	1.595
479.2	8.8604	35.299	37.534	8.828	27.391	475.650	1.221
486.3	8.8774	35.300	37.535	8.824	27.392	482.117	1.739
492.8	8.8561	35.294	37.512	8.802	27.390	489.550	1.689
499.7	8.8085	35.286	37.463	8.754	27.392	496.883	1.026
506.9	8.7539	35.281	37.409	8.699	27.396	503.333	1.471
513.8	8.7006	35.279	37.407	8.694	27.395	510.350	1.514
520.7	8.7399	35.278	37.399	8.683	27.396	517.350	1.705
527.9	8.7270	35.279	37.391	8.669	27.399	524.300	1.133
535.4	8.7330	35.277	37.399	8.675	27.397	531.617	1.904
541.8	8.7135	35.275	37.381	8.694	27.396	538.600	1.816
548.6	8.6983	35.272	37.367	8.639	27.398	545.200	1.489
556.4	8.6706	35.266	37.339	8.610	27.398	552.483	1.422
564.5	8.6255	35.261	37.295	8.564	27.401	559.433	1.178
571.4	8.6319	35.264	37.307	8.570	27.403	567.333	1.893
578.7	8.6393	35.266	37.319	8.576	27.403	575.067	1.198
586.2	8.6338	35.265	37.316	8.570	27.403	582.483	1.541
594.0	8.6175	35.263	37.302	8.553	27.404	590.117	1.631
601.1	8.6095	35.263	37.298	8.544	27.405	597.550	1.899
607.6	8.6291	35.268	37.324	8.563	27.406	604.333	1.586
615.6	8.6090	35.267	37.307	8.542	27.408	611.583	1.920
622.4	8.6110	35.267	37.313	8.543	27.406	619.017	1.270
630.3	8.6040	35.266	37.309	8.535	27.409	626.350	1.537
638.4	8.5968	35.266	37.305	8.527	27.409	633.350	1.607
645.4	8.5701	35.260	37.278	8.500	27.409	641.300	1.416
652.3	8.5562	35.258	37.266	8.485	27.410	648.350	1.726
660.0	8.5090	35.252	37.219	8.438	27.412	655.167	1.090
667.8	8.5010	35.250	37.213	8.429	27.412	663.317	1.307
674.6	8.5165	35.253	37.234	8.443	27.412	671.200	1.211
683.0	8.5210	35.258	37.246	8.447	27.415	678.783	1.020
689.9	8.5163	35.257	37.244	8.441	27.415	686.450	1.430
696.8	8.5111	35.256	37.241	8.435	27.415	693.333	1.266



STATION 48

TEMPERATURE (deg C)	SALINITY (ppt)	CONDUCTIVITY (mmho/cm)	POT. TEMP. (deg C)	SIGMA THETA (gm/m ³)	AVERAGED PRESSURE (dbar)	BUOYANCY FREQUENCY (cpH)
7.6437	35.204	36.514	7.539	27.506	100.75	1.049
7.6474	35.197	36.422	7.442	27.515	101.15	1.049
7.6586	35.194	36.341	7.353	27.526	101.90	1.049
7.6700	35.190	36.261	7.300	27.531	103.10	1.049
7.6814	35.187	36.206	7.203	27.542	104.62	1.049
7.6928	35.181	36.132	7.123	27.549	105.93	1.049
7.7042	35.178	36.085	7.049	27.557	107.05	1.049
7.7156	35.177	36.011	6.987	27.565	107.65	1.049
7.7270	35.172	35.935	6.905	27.573	108.00	1.049
7.7384	35.168	35.888	6.809	27.583	109.15	1.049
7.7498	35.166	35.778	6.732	27.591	110.75	1.049
7.7612	35.160	35.705	6.653	27.598	112.02	1.049
7.7726	35.153	35.688	6.626	27.604	113.37	1.049
7.7840	35.154	35.606	6.442	27.608	113.10	1.049
7.7954	35.151	35.551	6.490	27.613	114.30	1.049
7.8068	35.143	35.422	6.422	27.629	115.38	1.049
7.8182	35.137	35.330	6.426	27.632	116.40	1.049
7.8296	35.127	35.228	6.137	27.641	117.78	1.049
7.8410	35.124	35.150	6.051	27.650	118.77	1.049
7.8524	35.125	35.128	6.020	27.655	119.57	1.049
7.8638	35.119	35.093	5.983	27.655	120.33	1.049
7.8752	35.115	35.028	5.910	27.661	121.02	1.049
7.8866	35.114	35.006	5.882	27.664	121.77	1.049
7.8980	35.112	34.969	5.839	27.668	123.07	1.049
7.9094	35.104	34.874	5.737	27.674	124.05	1.049
7.9208	35.102	34.837	5.694	27.678	125.07	1.049
7.9322	35.095	34.763	5.615	27.683	126.57	1.049
7.9436	35.089	34.682	5.527	27.689	127.80	1.049
7.9550	35.084	34.624	5.463	27.693	128.58	1.049
7.9664	35.082	34.585	5.417	27.696	129.02	1.049
7.9778	35.078	34.541	5.367	27.700	130.08	1.049
7.9892	35.074	34.503	5.325	27.702	131.02	1.049
7.9906	35.069	34.448	5.259	27.706	132.00	1.049
8.0020	35.067	34.408	5.186	27.710	132.92	1.049
8.0134	35.061	34.339	5.137	27.714	133.97	1.049
8.0248	35.055	34.284	5.085	27.717	135.00	1.049
8.0362	35.053	34.270	5.057	27.717	135.87	1.049
8.0476	35.053	34.229	5.008	27.723	137.95	1.049
8.0590	35.046	34.171	4.946	27.725	138.82	1.049
8.0704	35.043	34.115	4.881	27.730	139.80	1.049
8.0818	35.040	34.081	4.842	27.732	140.90	1.049
8.0932	35.036	34.044	4.800	27.733	141.05	1.049
8.1046	35.036	34.028	4.777	27.736	142.68	1.049
8.1160	35.028	33.945	4.692	27.740	143.03	1.049
8.1274	35.028	33.932	4.668	27.742	144.93	1.049
8.1388	35.025	33.914	4.646	27.744	145.08	1.049
8.1502	35.022	33.882	4.608	27.744	145.95	1.049
8.1616	35.020	33.849	4.567	27.749	149.52	1.049
8.1730	35.019	33.830	4.543	27.752	149.40	1.049
8.1844	35.016	33.789	4.466	27.753	150.97	1.049
8.1958	35.012	33.765	4.438	27.754	151.93	1.049
8.2072	35.010	33.742	4.438	27.754	151.93	1.049
8.2186	35.009	33.728	4.419	27.755	152.91	1.049
8.2300	35.006	33.690	4.374	27.758	153.85	1.049
8.2414	35.006	33.690	4.374	27.758	153.85	1.049
8.2528	35.006	33.690	4.374	27.758	153.85	1.049
8.2642	35.006	33.690	4.374	27.758	153.85	1.049
8.2756	35.006	33.690	4.374	27.758	153.85	1.049
8.2870	35.006	33.690	4.374	27.758	153.85	1.049
8.2984	35.006	33.690	4.374	27.758	153.85	1.049
8.3098	35.006	33.690	4.374	27.758	153.85	1.049
8.3212	35.006	33.690	4.374	27.758	153.85	1.049
8.3326	35.006	33.690	4.374	27.758	153.85	1.049
8.3440	35.006	33.690	4.374	27.758	153.85	1.049
8.3554	35.006	33.690	4.374	27.758	153.85	1.049
8.3668	35.006	33.690	4.374	27.758	153.85	1.049
8.3782	35.006	33.690	4.374	27.758	153.85	1.049
8.3896	35.006	33.690	4.374	27.758	153.85	1.049
8.4010	35.006	33.690	4.374	27.758	153.85	1.049
8.4124	35.006	33.690	4.374	27.758	153.85	1.049
8.4238	35.006	33.690	4.374	27.758	153.85	1.049
8.4352	35.006	33.690	4.374	27.758	153.85	1.049
8.4466	35.006	33.690	4.374	27.758	153.85	1.049
8.4580	35.006	33.690	4.374	27.758	153.85	1.049
8.4694	35.006	33.690	4.374	27.758	153.85	1.049
8.4808	35.006	33.690	4.374	27.758	153.85	1.049
8.4922	35.006	33.690	4.374	27.758	153.85	1.049
8.5036	35.006	33.690	4.374	27.758	153.85	1.049
8.5150	35.006	33.690	4.374	27.758	153.85	1.049
8.5264	35.006	33.690	4.374	27.758	153.85	1.049
8.5378	35.006	33.690	4.374	27.758	153.85	1.049
8.5492	35.006	33.690	4.374	27.758	153.85	1.049
8.5606	35.006	33.690	4.374	27.758	153.85	1.049
8.5720	35.006	33.690	4.374	27.758	153.85	1.049
8.5834	35.006	33.690	4.374	27.758	153.85	1.049
8.5948	35.006	33.690	4.374	27.758	153.85	1.049
8.6062	35.006	33.690	4.374	27.758	153.85	1.049
8.6176	35.006	33.690	4.374	27.758	153.85	1.049
8.6290	35.006	33.690	4.374	27.758	153.85	1.049
8.6404	35.006	33.690	4.374	27.758	153.85	1.049
8.6518	35.006	33.690	4.374	27.758	153.85	1.049
8.6632	35.006	33.690	4.374	27.758	153.85	1.049
8.6746	35.006	33.690	4.374	27.758	153.85	1.049
8.6860	35.006	33.690	4.374	27.758	153.85	1.049
8.6974	35.006	33.690	4.374	27.758	153.85	1.049
8.7088	35.006	33.690	4.374	27.758	153.85	1.049
8.7202	35.006	33.690	4.374	27.758	153.85	1.049
8.7316	35.006	33.690	4.374	27.758	153.85	1.049
8.7430	35.006	33.690	4.374	27.758	153.85	1.049
8.7544	35.006	33.690	4.374	27.758	153.85	1.049
8.7658	35.006	33.690	4.374	27.758	153.85	1.049
8.7772	35.006	33.690	4.374	27.758	153.85	1.049
8.7886	35.006	33.690	4.374	27.758	153.85	1.049
8.8000	35.006	33.690	4.374	27.758	153.85	1.049
8.8114	35.006	33.690	4.374	27.758	153.85	1.049
8.8228	35.006	33.690	4.374	27.758	153.85	1.049
8.8342	35.006	33.690	4.374	27.758	153.85	1.049
8.8456	35.006	33.690	4.374	27.758	153.85	1.049
8.8570	35.006	33.690	4.374	27.758	153.85	1.049
8.8684	35.006	33.690	4.374	27.758	153.85	1.049
8.8798	35.006	33.690	4.374	27.758	153.85	1.049
8.8912	35.006	33.690	4.374	27.758	153.85	1.049
8.9026	35.006	33.690	4.374	27.758	153.85	1.049
8.9140	35.006	33.690	4.374	27.758	153.85	1.049
8.9254	35.006	33.690	4.374	27.758	153.85	1.049
8.9368	35.006	33.690	4.374	27.758	153.85	1.049
8.9482	35.006	33.690	4.374	27.758	153.85	1.049
8.9596	35.006	33.690	4.374	27.758	153.85	1.049
8.9710	35.006	33.690	4.374	27.758	153.85	1.049
8.9824	35.006	33.690	4.374	27.758	153.85	1.049
8.9938	35.006	33.690	4.374	27.758	153.85	1.049
9.0052	35.006	33.690	4.374	27.758	153.85	1.049
9.0166	35.006	33.690	4.374	27.758	153.85	1.049
9.0280	35.006	33.690	4.374	27.758	153.85	1.049
9.0394	35.006	33.690	4.374	27.758	153.85	1.049
9.0508	35.006	33.690	4.374	27.758	153.85	1.049
9.0622	35.006	33.690	4.374	27.758	153.85	1.049
9.0736	35.006	33.690	4.374	27.758	153.85	1.049
9.0850	35.006	33.690	4.374	27.758	153.85	1.049
9.0964	35.006	33.690	4.374	27.758	153.85	1.049
9.1078	35.006	33.690	4.374	27.758	153.85	1.049
9.1192	35.006	33.690	4.374	27.758	153.85	1.049
9.1306	35.006	33.690	4.374	27.758	153.85	1.049
9.1420	35.006	33.690	4.374	27.758	153.85	1.049
9.1534	35.006	33.690	4.374	27.758	153.85	1.049
9.1648	35.006	33.690	4.374	27.758	153.85	1.049
9.1762	35.006	33.690	4.374	27.758	153.85	1.049
9.1876	35.006	33.690	4.374	27.758	153.85	1.049
9.1990	35.006	33.690	4.374	27.758	153.85	1.049
9.2104	35.006	33.690	4.374	27.758	153.85	1.049
9.2218	35.006	33.690	4.374	27.758	153.85	1.049
9.2332	35.006	33.690	4.374	27.758	153.85	1.049
9.2446	35.006	33.690	4.374	27.758	153.85	1.049
9.2560	35.006	33.690	4.374	27.758	153.85	1.049
9.2674	35.006	33.690	4.374	27.758	153.85	1.049
9.2788	35.006	33.690	4.374	27.758	153.85	1.049
9.2902	35.006	33.690	4.374	27.758	153.85	1.049
9.3016	35.006	33.690	4.374	27.758	153.85	1.049
9.3130	35.006	33.690	4.374	27.758	153.85	1.049
9.3244	35.006	33.690	4.374	27.758	153.85	1.049
9.3358	35.006	33.690	4.374	27.758	153.85	1.049
9.3472	35.006	33.690	4.374	27.758	153.85	1.049
9.3586	35.006	33.690	4.374			

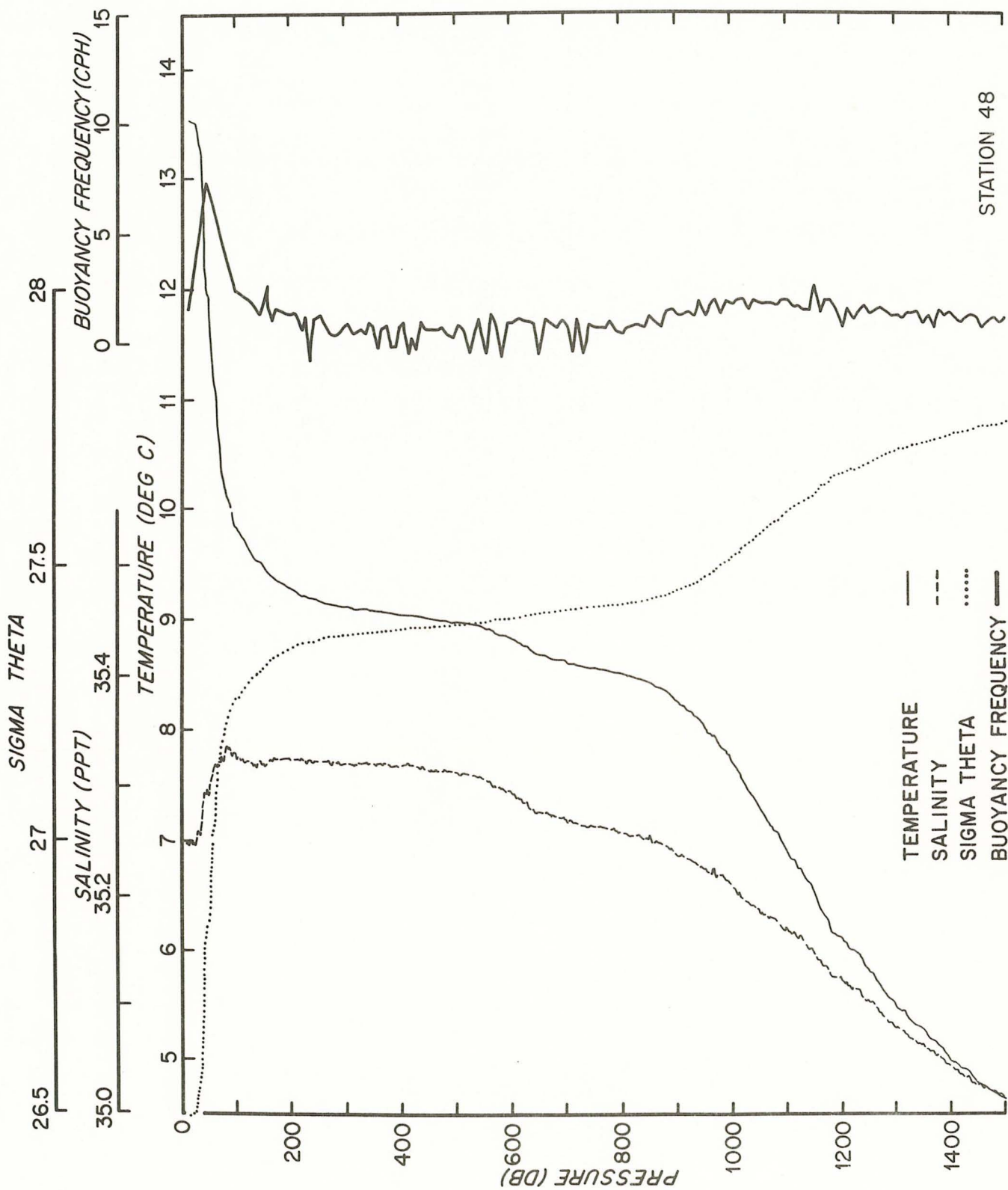
STATION 48

TEMPERATURE (dbar)	SALINITY (deg C)	CONDUCTIVITY (mmho/cm)	POT. TEMP. (deg C)	SIGMA THETA (gm/m ³)	AVERAGED PRESSURE (dbar)	BUOANCY (gph)
TEMPERATURE (deg C)	SALINITY (ppt)	CONDUCTIVITY (mmho/cm)	POT. TEMP. (deg C)	SIGMA THETA (gm/m ³)	AVERAGED PRESSURE (dbar)	BUOANCY (gph)

TEMPERATURE (dbar)	SALINITY (deg C)	CONDUCTIVITY (mmho/cm)	POT. TEMP. (deg C)	SIGMA THETA (gm/m ³)	AVERAGED PRESSURE (dbar)	BUOANCY (gph)
TEMPERATURE (deg C)	SALINITY (ppt)	CONDUCTIVITY (mmho/cm)	POT. TEMP. (deg C)	SIGMA THETA (gm/m ³)	AVERAGED PRESSURE (dbar)	BUOANCY (gph)

9.6	13.8289	35.244	41.737	13.528	26.491	1.548
18.1	13.8096	35.247	41.725	13.507	26.497	1.548
32.7	13.1810	35.254	41.418	13.176	26.570	3.999
60.0	11.0234	35.315	39.402	11.016	27.034	7.355
86.9	10.0115	35.331	38.462	10.001	27.227	7.355
113.6	9.5969	35.320	38.163	9.584	27.372	2.337
139.4	9.5156	35.319	38.001	9.500	27.301	1.233
145.6	9.5041	35.320	37.995	9.488	27.305	1.233
153.7	9.3785	35.316	37.932	9.411	27.312	1.233
160.6	9.3500	35.320	37.883	9.382	27.323	1.233
165.8	9.4052	35.320	37.907	9.387	27.321	1.233
168.8	9.3915	35.321	37.896	9.374	27.324	1.233
165.6	9.4066	35.322	37.910	9.389	27.322	1.233
161.9	9.3755	35.320	37.881	9.357	27.326	1.233
171.1	9.3649	35.321	37.875	9.346	27.328	1.233
177.6	9.3430	35.322	37.858	9.323	27.333	1.233
185.1	9.3190	35.323	37.840	9.298	27.337	1.233
191.5	9.2978	35.323	37.822	9.277	27.341	1.233
198.3	9.2748	35.323	37.803	9.253	27.345	1.233
205.2	9.2530	35.322	37.785	9.230	27.348	1.233
211.1	9.2366	35.323	37.773	9.213	27.351	1.233
218.1	9.2150	35.321	37.754	9.191	27.353	1.233
225.4	9.2095	35.321	37.752	9.185	27.354	1.233
231.8	9.1910	35.321	37.737	9.165	27.357	1.233
238.7	9.1929	35.319	37.730	9.166	27.355	1.233
245.7	9.1785	35.319	37.730	9.151	27.358	1.233
253.0	9.1625	35.320	37.719	9.144	27.361	1.233
259.1	9.1441	35.320	37.705	9.115	27.364	1.233
267.6	9.1364	35.320	37.701	9.107	27.366	1.233
275.1	9.1341	35.320	37.702	9.104	27.366	1.233
283.6	9.1240	35.318	37.695	9.093	27.366	1.233
291.4	9.1195	35.318	37.693	9.093	27.366	1.233
300.3	9.1165	35.319	37.695	9.093	27.367	1.233
308.8	9.1015	35.318	37.684	9.067	27.369	1.233
315.6	9.1007	35.318	37.691	9.065	27.369	1.233
323.4	9.1007	35.319	37.691	9.065	27.370	1.233
331.8	9.0879	35.317	37.688	9.058	27.371	1.233
338.9	9.0879	35.317	37.688	9.050	27.371	1.233
346.4	9.0830	35.318	37.684	9.045	27.373	1.233
353.9	9.0775	35.318	37.682	9.038	27.374	1.233
361.3	9.0750	35.317	37.682	9.035	27.373	1.233
370.1	9.0680	35.317	37.680	9.027	27.374	1.233
384.8	9.0588	35.318	37.674	9.015	27.376	1.233
393.0	9.0519	35.315	37.673	9.008	27.375	1.233
400.8	9.0502	35.317	37.676	9.006	27.377	1.233
409.6	9.0434	35.318	37.675	8.998	27.379	1.233
416.9	9.0445	35.317	37.678	8.998	27.378	1.233
423.7	9.0395	35.316	37.675	8.993	27.374	1.233
432.2	9.0319	35.314	37.670	8.984	27.377	1.233
440.5	9.0235	35.315	37.666	8.975	27.379	1.233
449.1	9.0082	35.312	37.653	8.958	27.380	1.233
459.4	9.0020	35.312	37.652	8.951	27.381	1.233
468.2	8.9968	35.311	37.650	8.945	27.381	1.233

9.6	13.8289	35.244	41.737	13.528	26.491	1.548
18.1	13.8096	35.247	41.725	13.507	26.497	1.548
32.7	13.1810	35.254	41.418	13.176	26.570	3.999
60.0	11.0234	35.315	39.402	11.016	27.034	7.355
86.9	10.0115	35.331	38.462	10.001	27.227	7.355
113.6	9.5969	35.320	38.163	9.584	27.372	2.337
139.4	9.5156	35.319	38.001	9.500	27.301	1.233
145.6	9.5041	35.320	37.995	9.488	27.305	1.233
153.7	9.3785	35.316	37.932	9.411	27.312	1.233
160.6	9.3500	35.320	37.883	9.382	27.323	1.233
165.8	9.4052	35.320	37.907	9.387	27.321	1.233
168.8	9.3915	35.321	37.896	9.374	27.324	1.233
165.6	9.4066	35.322	37.910	9.389	27.322	1.233
161.9	9.3755	35.320	37.881	9.357	27.326	1.233
171.1	9.3649	35.321	37.875	9.346	27.328	1.233
177.6	9.3430	35.322	37.858	9.323	27.333	1.233
185.1	9.3190	35.323	37.840	9.298	27.337	1.233
191.5	9.2978	35.323	37.822	9.277	27.341	1.233
198.3	9.2748	35.323	37.803	9.253	27.345	1.233
205.2	9.2530	35.322	37.785	9.230	27.348	1.233
211.1	9.2366	35.323	37.773	9.213	27.351	1.233
218.1	9.2150	35.321	37.754	9.191	27.353	1.233
225.4	9.2095	35.321	37.752	9.185	27.354	1.233
231.8	9.1910	35.321	37.737	9.165	27.357	1.233
238.7	9.1929	35.319	37.730	9.166	27.355	1.233
245.7	9.1785	35.319	37.730	9.151	27.358	1.233
253.0	9.1625	35.320	37.719	9.144	27.361	1.233
259.1	9.1441	35.320	37.705	9.115	27.364	1.233
267.6	9.1364	35.320	37.701	9.107	27.366	1.233
275.1	9.1341	35.320	37.702	9.104	27.366	1.233
283.6	9.1240	35.318	37.695	9.093	27.366	1.233
291.4	9.1195	35.318	37.693	9.093	27.366	1.233
300.3	9.1165	35.319	37.695	9.093	27.367	1.233
308.8	9.1015	35.318	37.684	9.067	27.369	1.233
315.6	9.1007	35.318	37.691	9.065	27.369	1.233
323.4	9.1007	35.319	37.691	9.065	27.370	1.233
331.8	9.0879	35.317	37.688	9.058	27.371	1.233
338.9	9.0879	35.317	37.688	9.050	27.371	1.233
346.4	9.0830	35.318	37.684	9.045	27.373	1.233
353.9	9.0775	35.318	37.682	9.038	27.374	1.233
361.3	9.0750	35.317	37.682	9.035	27.373	1.233
370.1	9.0680	35.317	37.680	9.027	27.374	1.233
384.8	9.0588	35.318	37.674	9.015	27.376	1.233
393.0	9.0519	35.315	37.673	9.008	27.375	1.233
400.8	9.0502	35.317	37.676	9.006	27.377	1.233
409.6	9.0434	35.318	37.675	8.998	27.379	1.233
416.9	9.0445	35.317	37.678	8.998	27.378	1.233
423.7	9.0395	35.316	37.675	8.993	27.374	1.233
432.2	9.0319	35.314	37.670	8.984	27.377	1.233
440.5	9.0235	35.315	37.666	8.975	27.379	1.233
449.1	9.0082	35.312	37.653	8.958	27.380	1.233
459.4	9.0020	35.312	37.652	8.951	27.381	1.233
468.2	8.9968	35.311	37.650	8.945	27.381	1.233



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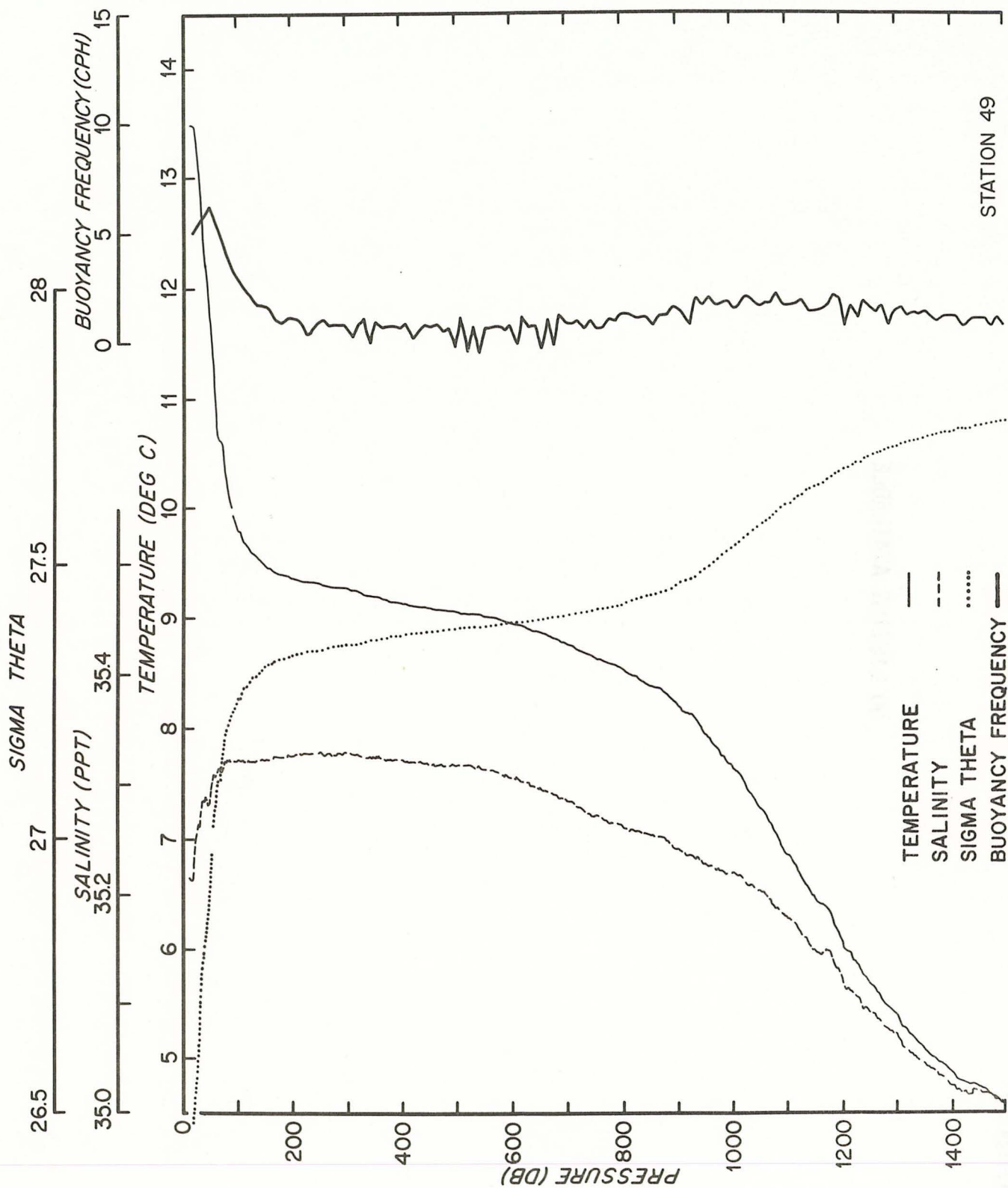
STATION 49

TEMPERATURE (deg C)	SALINITY (ppt)	CONDUCTIVITY (mmho/cm)	POT. TEMP. (deg C)	SIGMA THETA (gm/m ³)	AVERAGED PRESSURE (dbar)	BUOYANCY FREQUENCY (cpn)
1311.6	35.059	34.937	5.160	27.710	1305.78	1.577
1322.6	35.054	34.928	5.106	27.713	1317.10	1.129
1333.3	35.049	34.923	5.043	27.716	1327.95	1.298
1344.6	35.047	34.915	4.998	27.720	1338.95	1.181
1355.8	35.042	34.913	4.929	27.724	1350.20	1.372
1366.9	35.038	34.909	4.880	27.727	1361.35	1.121
1378.3	35.035	34.905	4.835	27.728	1372.58	.857
1388.5	35.030	34.901	4.789	27.730	1383.40	1.139
1400.1	35.026	33.963	4.735	27.733	1394.32	1.162
1411.5	35.020	33.908	4.673	27.736	1406.02	1.185
1423.5	35.019	33.897	4.655	27.737	1417.20	.677
1433.1	35.017	33.879	4.632	27.738	1427.60	.798
1444.5	35.022	33.886	4.629	27.742	1438.82	1.072
1455.5	35.016	33.856	4.592	27.745	1450.00	1.064
1466.8	35.018	33.830	4.558	27.747	1461.17	1.023
1477.9	35.013	33.794	4.519	27.747	1472.37	.645
1489.3	35.012	33.768	4.484	27.750	1483.58	1.108
1501.0	35.007	33.735	4.447	27.751	1495.13	.734
1511.5	35.008	33.714	4.417	27.755	1506.23	1.255
1522.2	35.002	33.681	4.380	27.754	1516.93	.581
1533.7	35.002	33.654	4.345	27.758	1527.47	1.176
1544.8	35.007	33.613	4.298	27.759	1538.77	.998
1554.9	35.005	33.581	4.258	27.762	1549.83	1.151
1566.6	35.003	33.560	4.233	27.762	1560.72	.447
1578.3	35.002	33.551	4.216	27.763	1572.45	.832
1589.1	35.002	33.547	4.205	27.765	1583.72	.782
1599.8	35.005	33.526	4.181	27.765	1594.47	.449
1610.9	35.007	33.506	4.153	27.766	1605.38	.886
1621.8	35.007	33.489	4.129	27.769	1616.38	1.054
1633.2	35.005	33.455	4.087	27.772	1627.52	1.103
1644.6	35.003	33.427	4.053	27.774	1638.38	1.041
1655.7	35.003	33.408	4.029	27.773	1649.15	.523
1666.1	35.002	33.392	4.005	27.774	1660.45	.863
1677.4	35.001	33.381	3.987	27.777	1671.77	.867
1688.7	35.000	33.376	3.977	27.776	1683.03	.8276
1699.0	35.000	33.359	3.954	27.778	1693.83	.959
1710.7	35.000	33.346	3.933	27.780	1704.83	.834
1721.7	35.000	33.334	3.915	27.781	1716.20	.753
1732.1	35.000	33.318	3.895	27.780	1726.95	.296
1742.7	35.000	33.303	3.873	27.782	1737.43	.977
1753.2	35.000	33.300	3.863	27.783	1748.47	.608
1763.1	35.000	33.290	3.848	27.783	1759.67	.539
1773.1	35.000	33.275	3.826	27.785	1770.63	.988
1783.9	35.000	33.268	3.812	27.787	1781.52	.759
1794.1	35.000	33.254	3.791	27.788	1792.52	.747
1804.8	35.000	33.250	3.783	27.787	1803.45	.436
1815.5	35.000	33.249	3.775	27.789	1814.15	.869
1826.2	35.000	33.231	3.751	27.790	1824.88	.779
1836.5	35.000	33.214	3.727	27.791	1835.68	.865
1847.3	35.000	33.210	3.716	27.793	1847.23	.830
1858.0	35.000	33.198	3.698	27.794	1857.87	.745
1868.3	35.000	33.193	3.686	27.796	1868.53	.847
1878.3	35.000	33.180	3.667	27.796	1879.80	.725
1888.3	35.000	33.160	3.667	27.796	1879.80	.725
1898.3	35.000	33.140	3.621	27.801	1902.38	1.040
1908.3	35.000	33.120	3.608	27.802	1912.98	.604
1918.3	35.000	33.100	3.598	27.802	1922.87	.543
1928.3	35.000	33.080	3.582	27.804	1933.38	.859
1938.3	35.000	33.060	3.566	27.805	1944.60	.704
1948.3	35.000	33.040	3.556	27.807	1955.98	.997
1958.3	35.000	33.020	3.532	27.809	1966.90	.860
1968.3	35.000	33.000	3.517	27.810	1977.13	.839
1978.3	35.000	32.980	3.505	27.809	1987.47	.325
1988.3	35.000	32.960	3.486	27.810	1998.28	.833
1998.3	35.000	32.940	3.478	27.812	2009.50	.831
2008.3	35.000	32.920	3.464	27.814	2020.57	.690
2018.3	35.000	32.900	3.447	27.814	2031.15	.745
2028.3	35.000	32.880	3.437	27.816	2041.15	.926
2038.3	35.000	32.860	3.422	27.817	2051.77	.772
2048.3	35.000	32.840	3.407	27.819	2062.68	.839
2058.3	35.000	32.820	3.400	27.819	2073.47	.442
2068.3	35.000	32.800	3.385	27.822	2084.30	.979
2078.3	35.000	32.780	3.372	27.823	2095.63	.743
2088.3	35.000	32.760	3.359	27.824	2105.95	.710
2098.3	35.000	32.740	3.342	27.824	2116.02	.748
2108.3	35.000	32.720	3.334	27.826	2126.67	.734
2118.3	35.000	32.700	3.313	27.827	2137.00	.863
2128.3	35.000	32.680	3.290	27.829	2148.62	1.011
2138.3	35.000	32.660	3.273	27.830	2159.78	.679
2148.3	35.000	32.640	3.258	27.833	2170.90	1.010
2158.3	35.000	32.620	3.248	27.833	2181.95	.693
2168.3	35.000	32.600	3.222	27.837	2193.03	1.175
2178.3	35.000	32.580	3.215	27.837	2204.08	.392
2188.3	35.000	32.560	3.207	27.837	2215.05	.869
2198.3	35.000	32.540	3.200	27.838	2226.00	.787
2208.3	35.000	32.520	3.194	27.840	2237.18	1.599
2218.3	35.000	32.500	3.178	27.839	2248.17	.477
2228.3	35.000	32.480	3.167	27.840	2259.08	1.218
2238.3	35.000	32.460	3.154	27.841	2270.00	1.118
2248.3	35.000	32.440	3.148	27.842	2280.95	.848
2258.3	35.000	32.420	3.135	27.844	2291.82	1.439
2268.3	35.000	32.400	3.105	27.848	2302.63	1.977
2278.3	35.000	32.380	3.034	27.849	2313.52	1.284
2288.3	35.000	32.360	3.085	27.849	2324.47	.514

STATION 49

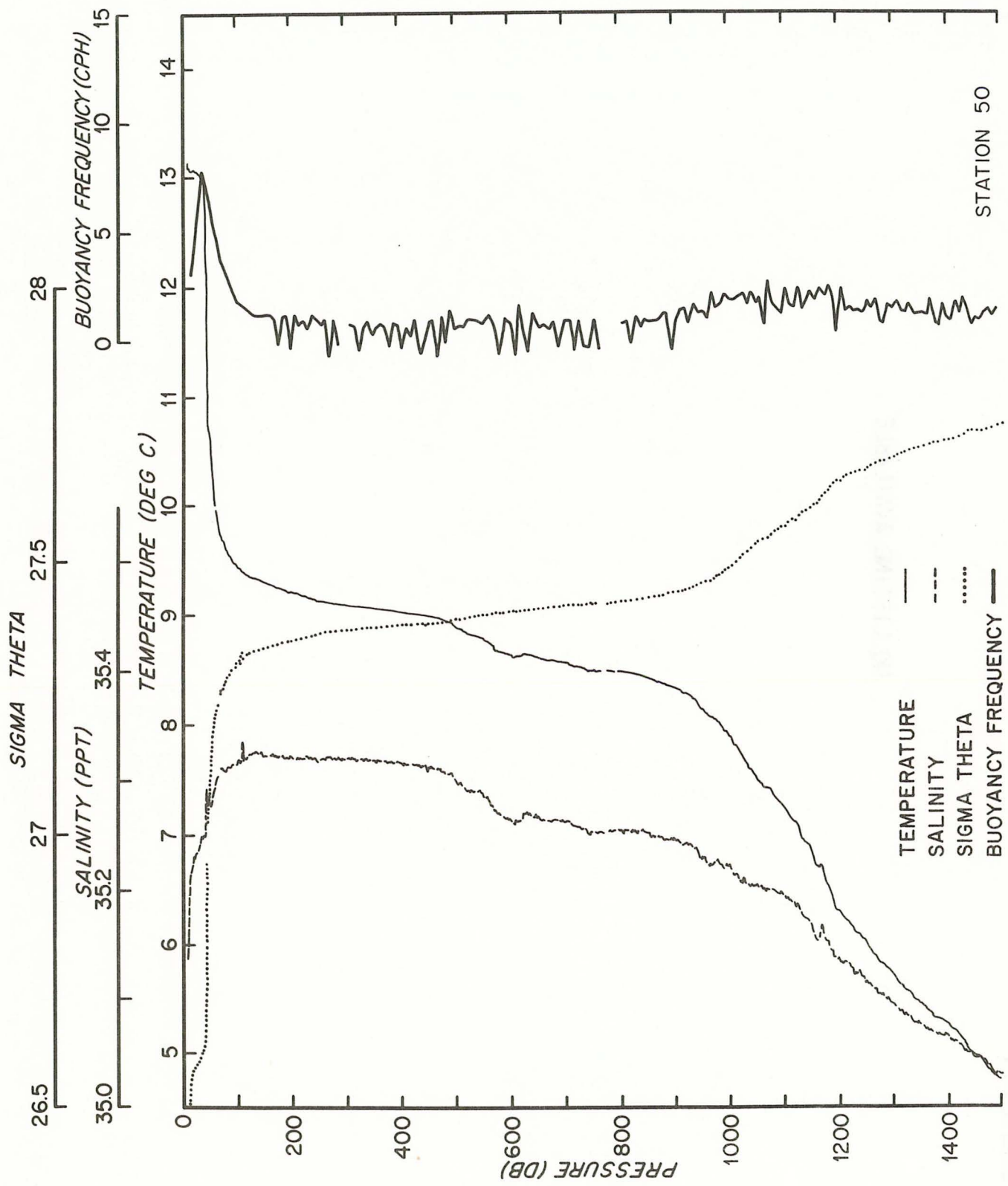
TEMPERATURE (deg C)	SALINITY (ppt)	CONDUCTIVITY (mmho/cm)	POT. TEMP. (deg C)	SIGMA THETA (gm/m ³)	AVERAGED PRESSURE (dbar)	BUOYANCY (tph)
13.4915	35.215	41.073	13.493	26.476	18.800	5.053
12.9284	35.201	41.177	12.925	26.626	18.800	5.053
6.5	10.4557	35.313	10.447	27.135	48.850	9.243
11.09	9.6893	35.321	9.677	27.274	90.233	3.283
15.0	9.4450	35.323	9.439	27.315	132.467	1.756
16.0	9.4426	35.326	9.436	27.322	158.983	1.557
17.0	9.4405	35.326	9.437	27.325	159.333	1.015
18.5	9.3945	35.326	9.387	27.327	180.267	0.850
19.5	9.3685	35.326	9.374	27.327	180.267	1.155
20.5	9.3435	35.327	9.367	27.332	181.150	1.155
21.8	9.3336	35.330	9.326	27.336	202.000	1.138
22.5	9.3332	35.329	9.315	27.339	213.050	1.016
24.0	9.3325	35.329	9.310	27.340	223.883	0.372
25.0	9.3308	35.329	9.306	27.340	234.000	0.441
26.0	9.3308	35.329	9.292	27.342	245.483	0.834
27.2	9.2834	35.328	9.272	27.345	255.017	1.073
28.3	9.2770	35.328	9.257	27.347	266.017	0.733
29.2	9.2735	35.330	9.245	27.349	276.733	0.732
30.6	9.2695	35.329	9.241	27.350	287.617	0.807
31.3	9.2635	35.327	9.227	27.352	298.850	0.674
32.1	9.2305	35.325	9.217	27.352	308.333	0.215
33.0	9.2045	35.325	9.194	27.353	319.700	0.777
34.0	9.2036	35.324	9.166	27.357	330.617	1.157
35.7	9.1885	35.324	9.149	27.360	352.317	0.950
36.4	9.1760	35.323	9.135	27.361	363.017	0.679
37.8	9.1575	35.322	9.115	27.363	374.083	0.758
39.0	9.1532	35.323	9.110	27.365	385.217	0.708
40.6	9.1375	35.321	9.093	27.365	396.100	0.596
41.9	9.1271	35.321	9.073	27.368	407.250	0.860
42.4	9.1205	35.320	9.067	27.368	418.667	1.178
43.5	9.1155	35.319	9.051	27.370	441.100	0.821
44.7	9.1085	35.318	9.037	27.371	452.050	0.664
45.7	9.1081	35.317	9.028	27.373	463.367	0.845
46.3	9.1081	35.317	9.028	27.373	463.367	0.845
47.2	9.10710	35.318	9.018	27.374	474.333	0.519
49.7	9.0684	35.318	9.012	27.375	484.350	0.687
50.0	9.0680	35.317	9.008	27.375	496.350	0.243
51.0	9.0424	35.317	8.985	27.378	507.000	1.103
52.8	9.0440	35.317	8.986	27.378	517.917	0.396
53.7	9.0399	35.318	8.980	27.379	529.267	0.717
54.5	9.0395	35.314	8.970	27.378	540.083	0.548
55.0	9.0137	35.313	8.958	27.379	551.017	0.620
56.7	9.0035	35.311	8.940	27.380	562.333	0.688
57.2	8.9970	35.307	8.922	27.381	573.017	0.664
59.0	8.9705	35.307	8.905	27.382	585.100	0.500
61.6	8.9428	35.305	8.885	27.383	596.333	0.782
62.2	8.9204	35.302	8.871	27.383	607.000	1.109
63.2	8.8886	35.297	8.818	27.388	629.333	0.722
64.4	8.8789	35.297	8.807	27.388	640.000	0.677
65.4	8.8670	35.294	8.794	27.388	651.300	0.334
66.4	8.8296	35.291	8.755	27.392	663.000	1.104
68.0	8.8135	35.287	8.738	27.392	675.083	0.193
69.1	8.7855	35.287	8.709	27.396	686.100	1.270

TEMPERATURE (deg C)	SALINITY (ppt)	CONDUCTIVITY (mmho/cm)	POT. TEMP. (deg C)	SIGMA THETA (gm/m ³)	AVERAGED PRESSURE (dbar)	BUOYANCY (tph)
8.7579	35.284	37.502	8.690	27.398	697.117	0.839
8.7285	35.278	37.468	8.664	27.400	708.167	0.767
8.6973	35.277	37.448	8.617	27.402	719.283	0.576
8.6674	35.273	37.428	8.593	27.403	730.633	0.589
8.6554	35.272	37.408	8.568	27.406	741.450	0.992
8.6345	35.269	37.396	8.551	27.407	752.283	0.573
8.6085	35.264	37.370	8.521	27.407	764.000	0.599
8.5915	35.266	37.362	8.506	27.410	775.417	1.043
8.5645	35.263	37.339	8.478	27.412	786.450	0.872
8.5194	35.259	37.298	8.432	27.417	797.617	1.238
8.4851	35.259	37.275	8.400	27.421	808.917	1.238
8.4580	35.257	37.248	8.368	27.421	820.250	1.045
8.4255	35.255	37.220	8.334	27.428	831.083	1.087
8.3978	35.254	37.195	8.301	27.432	842.850	1.144
8.3685	35.252	37.184	8.285	27.433	854.617	0.681
8.3370	35.251	37.157	8.251	27.437	865.750	1.159
8.2974	35.246	37.112	8.202	27.441	877.167	1.113
8.2639	35.242	37.103	8.138	27.447	888.333	1.511
8.1700	35.238	36.999	8.077	27.454	899.617	1.456
8.1370	35.232	36.956	8.039	27.458	911.233	1.456
8.1116	35.232	36.956	8.012	27.458	922.517	1.145
8.0825	35.231	36.864	7.922	27.471	933.567	2.018
7.9445	35.225	36.791	7.844	27.478	944.917	1.013
7.8451	35.222	36.722	7.764	27.480	956.200	1.978
7.841	35.222	36.667	7.702	27.487	967.067	1.532
7.7704	35.218	36.590	7.618	27.506	978.250	1.722
7.6594	35.221	36.541	7.556	27.518	990.283	1.840
7.5299	35.212	36.448	7.498	27.523	1001.72	1.422
7.4261	35.210	36.328	7.425	27.530	1012.07	1.627
7.3260	35.204	36.230	7.320	27.533	1023.27	2.024
7.2241	35.203	36.181	7.219	27.533	1035.08	1.888
7.1649	35.195	36.087	7.157	27.581	1048.75	1.594
7.0734	35.188	36.000	7.057	27.589	1058.35	1.731
6.9360	35.182	35.873	6.966	27.576	1069.15	1.711
6.8436	35.178	35.873	6.828	27.591	1080.38	2.180
6.7826	35.174	35.733	6.755	27.598	1091.93	1.616
6.6825	35.166	35.638	6.673	27.606	1103.30	1.546
6.5727	35.159	35.535	6.573	27.613	1114.87	1.662
6.4560	35.151	35.462	6.443	27.623	1126.08	1.881
6.4286	35.146	35.401	6.386	27.627	1136.87	1.376
6.4071	35.151	35.390	6.318	27.632	1147.92	1.421
6.3230	35.145	35.312	6.295	27.639	1159.27	1.452
6.1876	35.134	35.164	6.211	27.646	1170.57	1.573
6.0055	35.113	35.006	6.056	27.657	1182.02	2.089
5.9782	35.113	34.982	5.864	27.665	1193.17	1.925
5.8885	35.108	34.899	5.776	27.672	1203.93	0.638
5.8067	35.096	34.819	5.693	27.674	1215.13	1.612
5.7208	35.092	34.745	5.637	27.684	1226.42	1.070
5.6490	35.084	34.661	5.575	27.690	1237.77	1.822
5.5775	35.078	34.614	5.463	27.693	1249.58	1.536
5.4876	35.074	34.532	5.373	27.700	1261.68	1.246
5.4554	35.074	34.532	5.340	27.700	1273.68	1.610
5.3860	35.069	34.441	5.270	27.705	1285.08	0.699
5.3860	35.069	34.441	5.270	27.705	1296.03	1.355



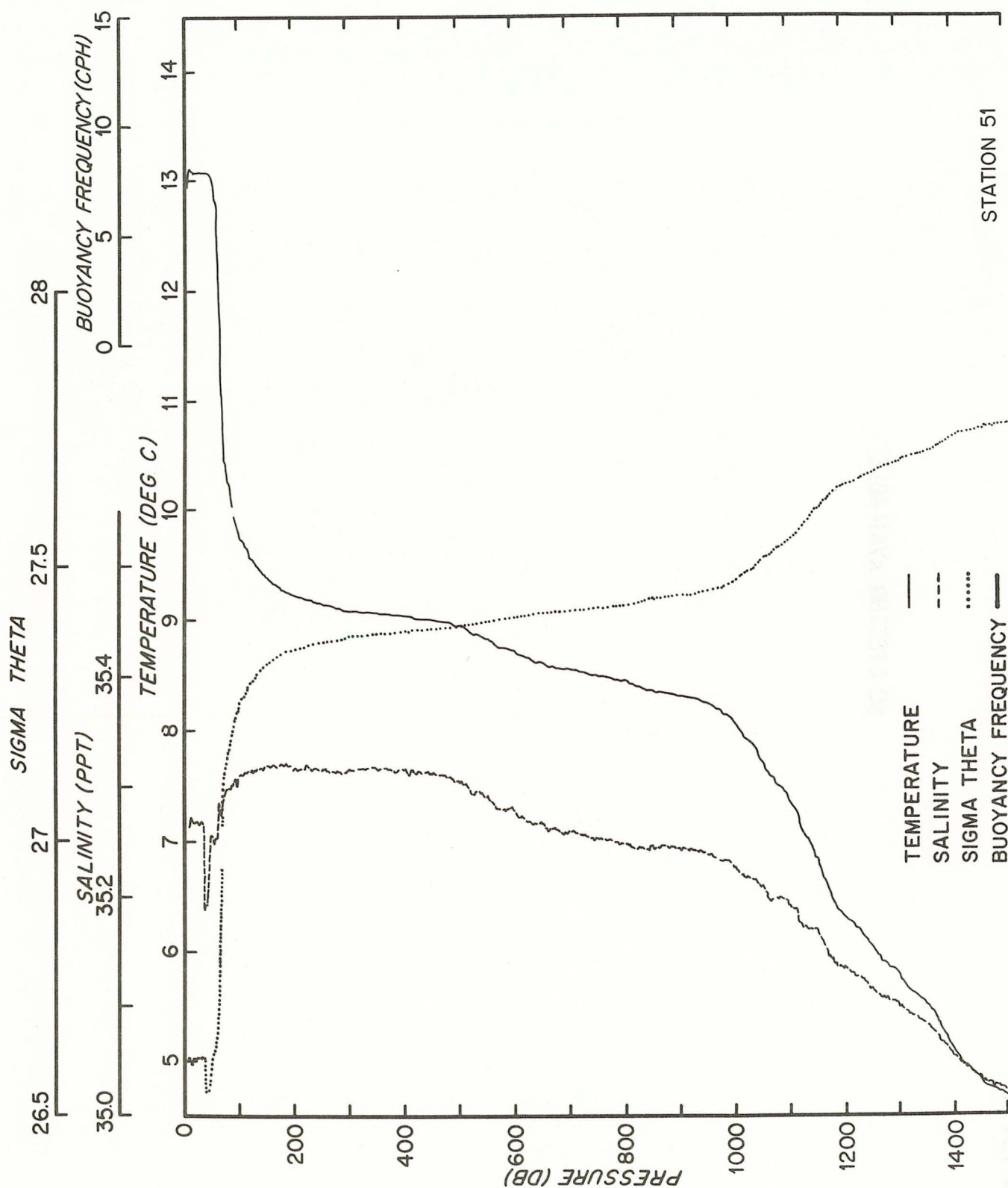
STATION 50

NO LISTING AVAILABLE



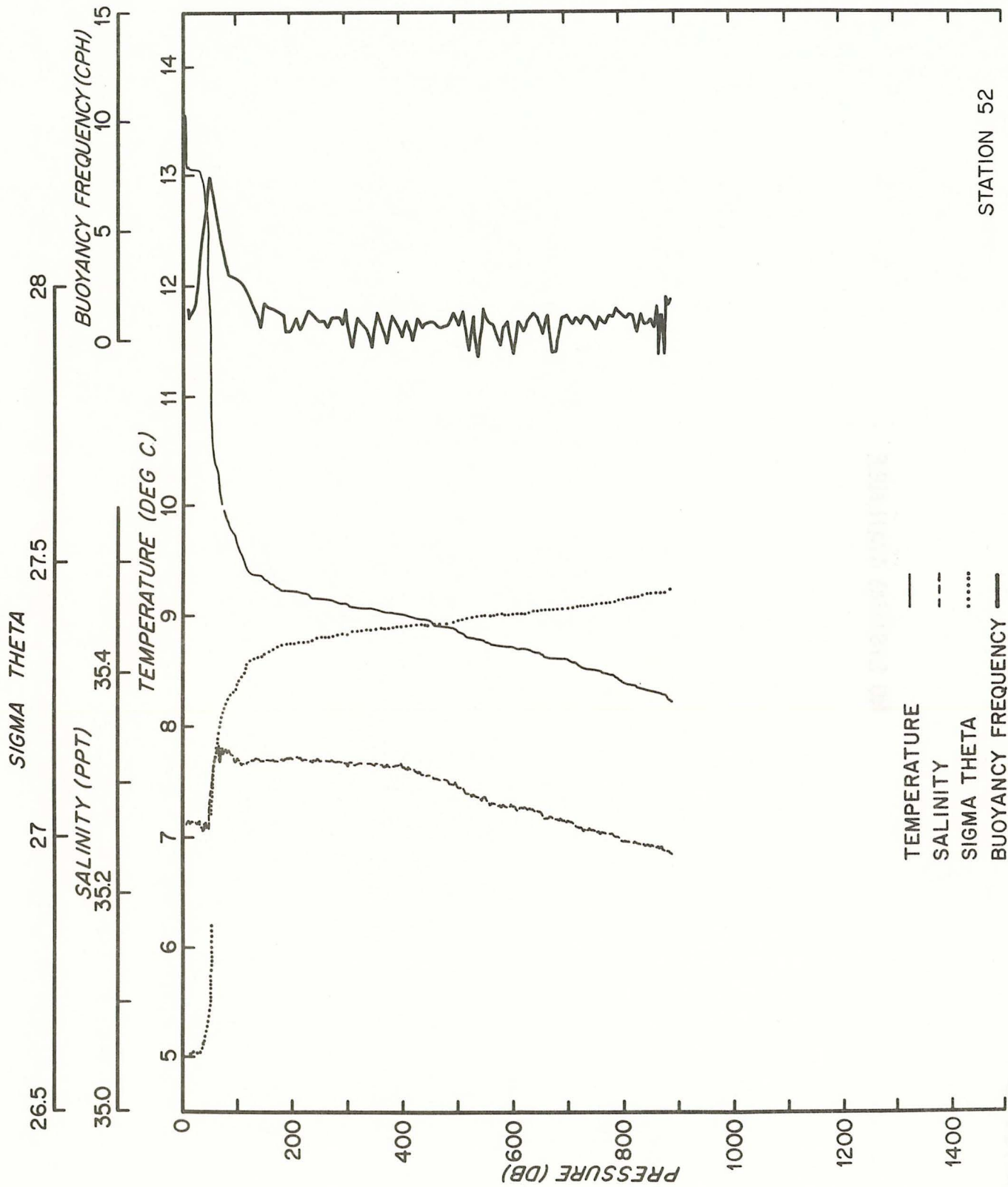
STATION 51

NO LISTING AVAILABLE



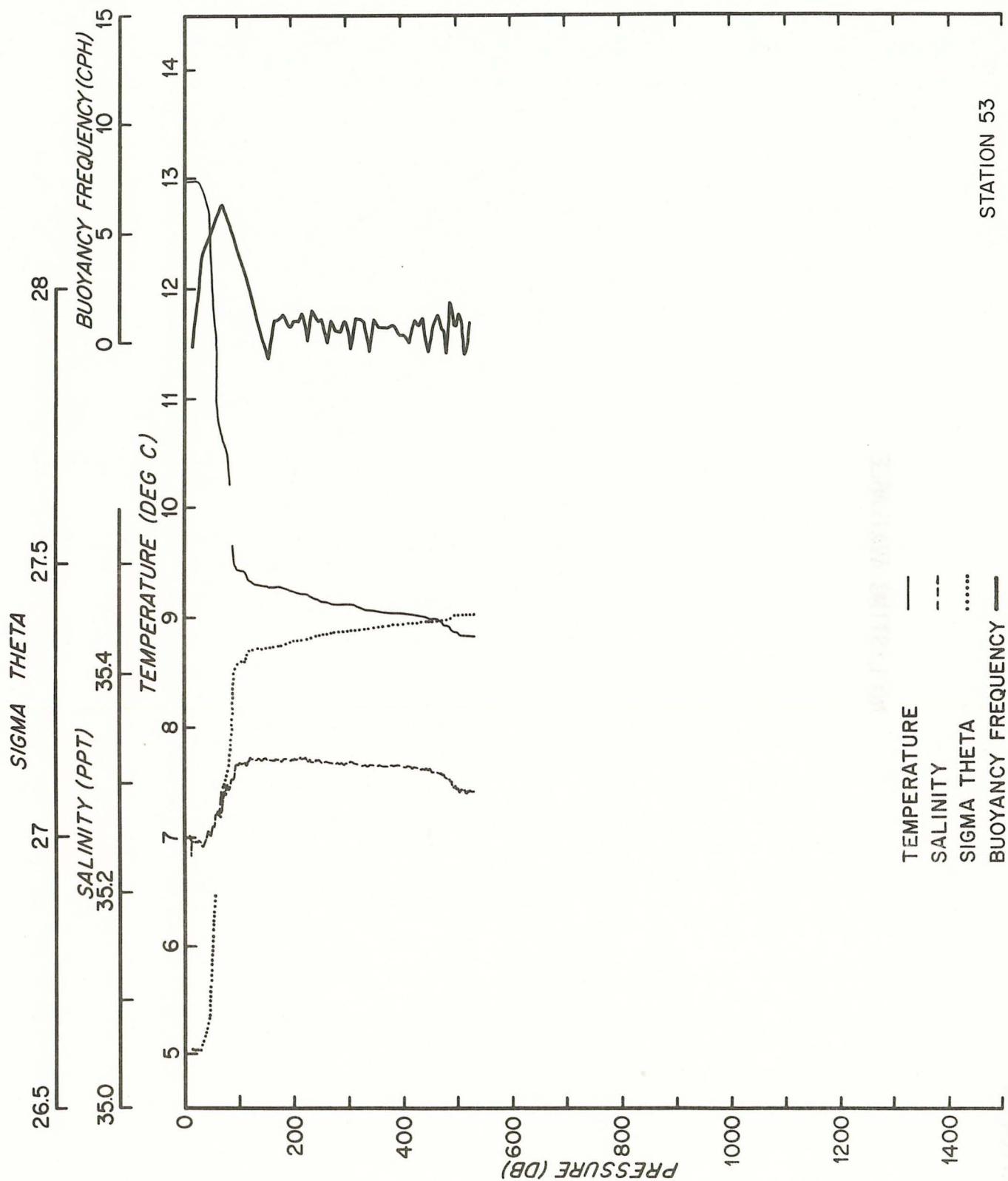
STATION 52

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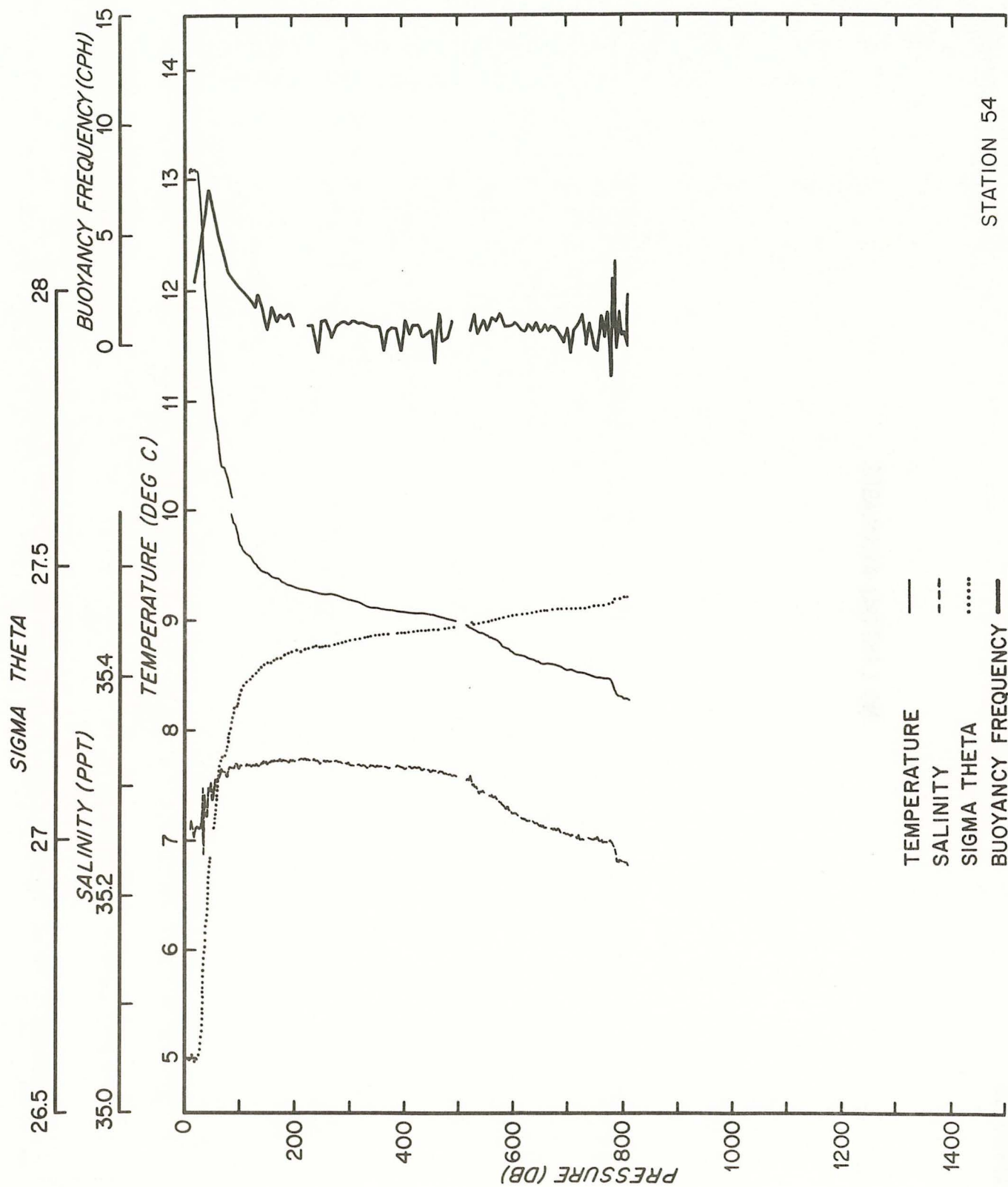
STATION 53

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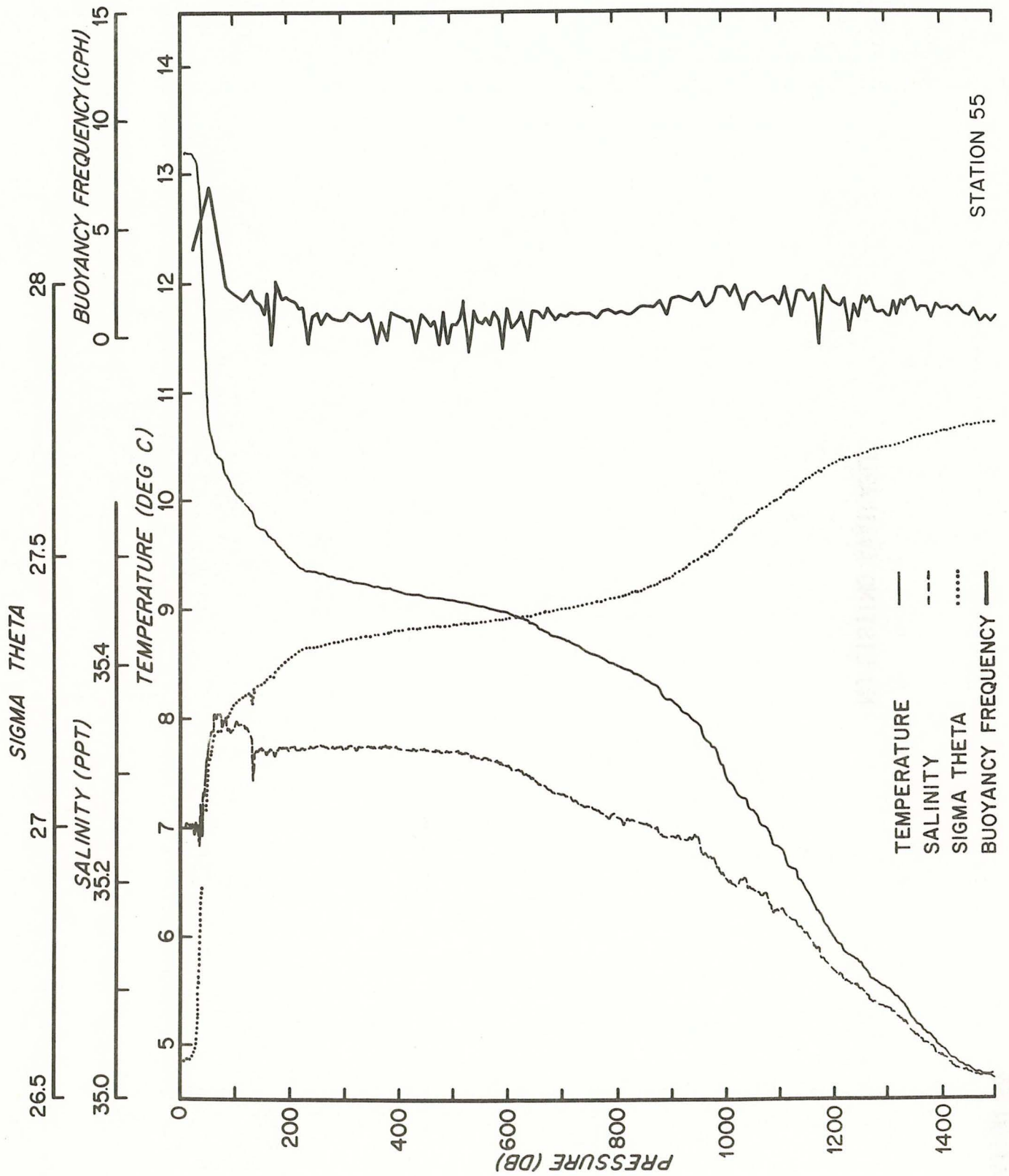
STATION 54

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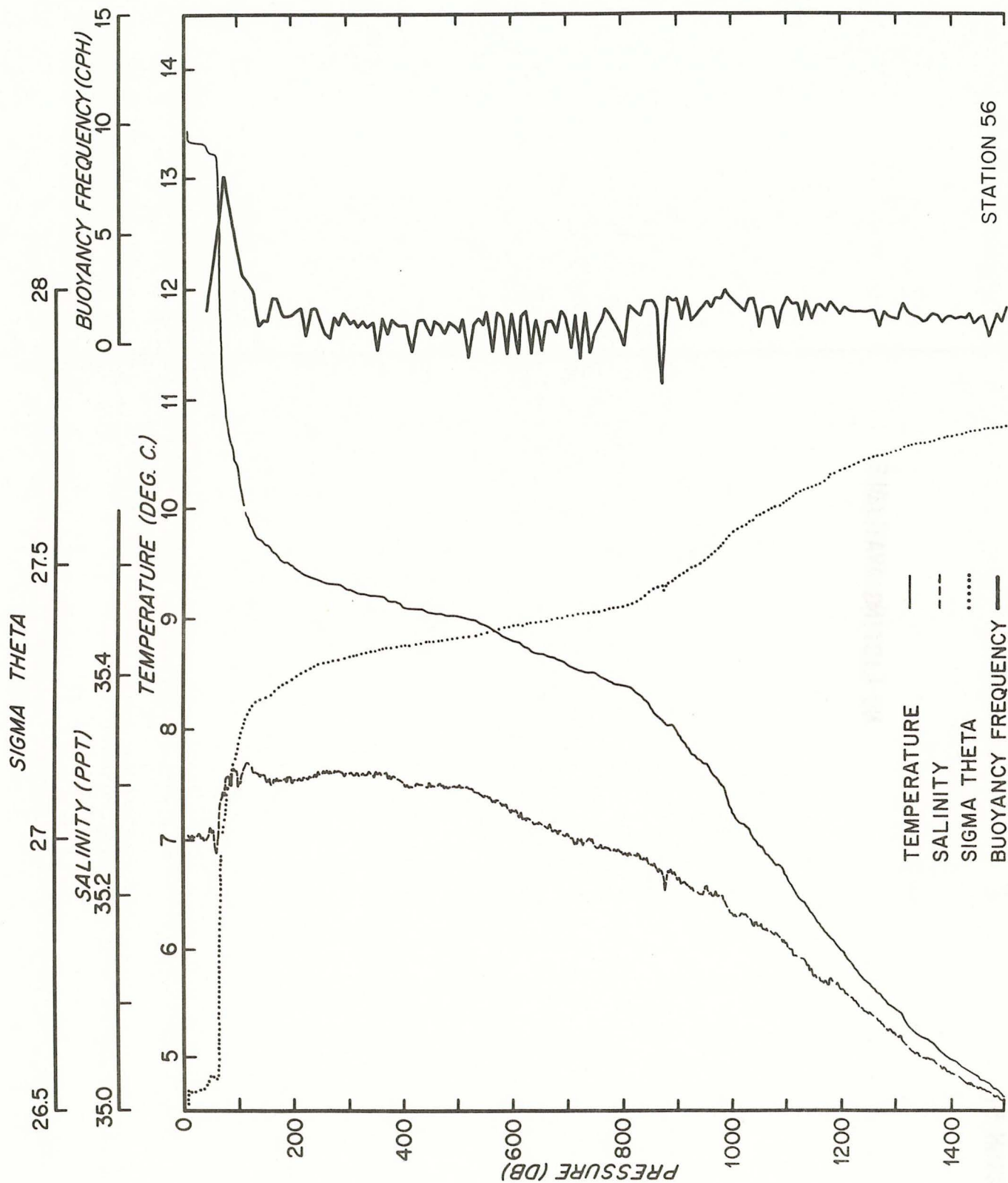
STATION 55

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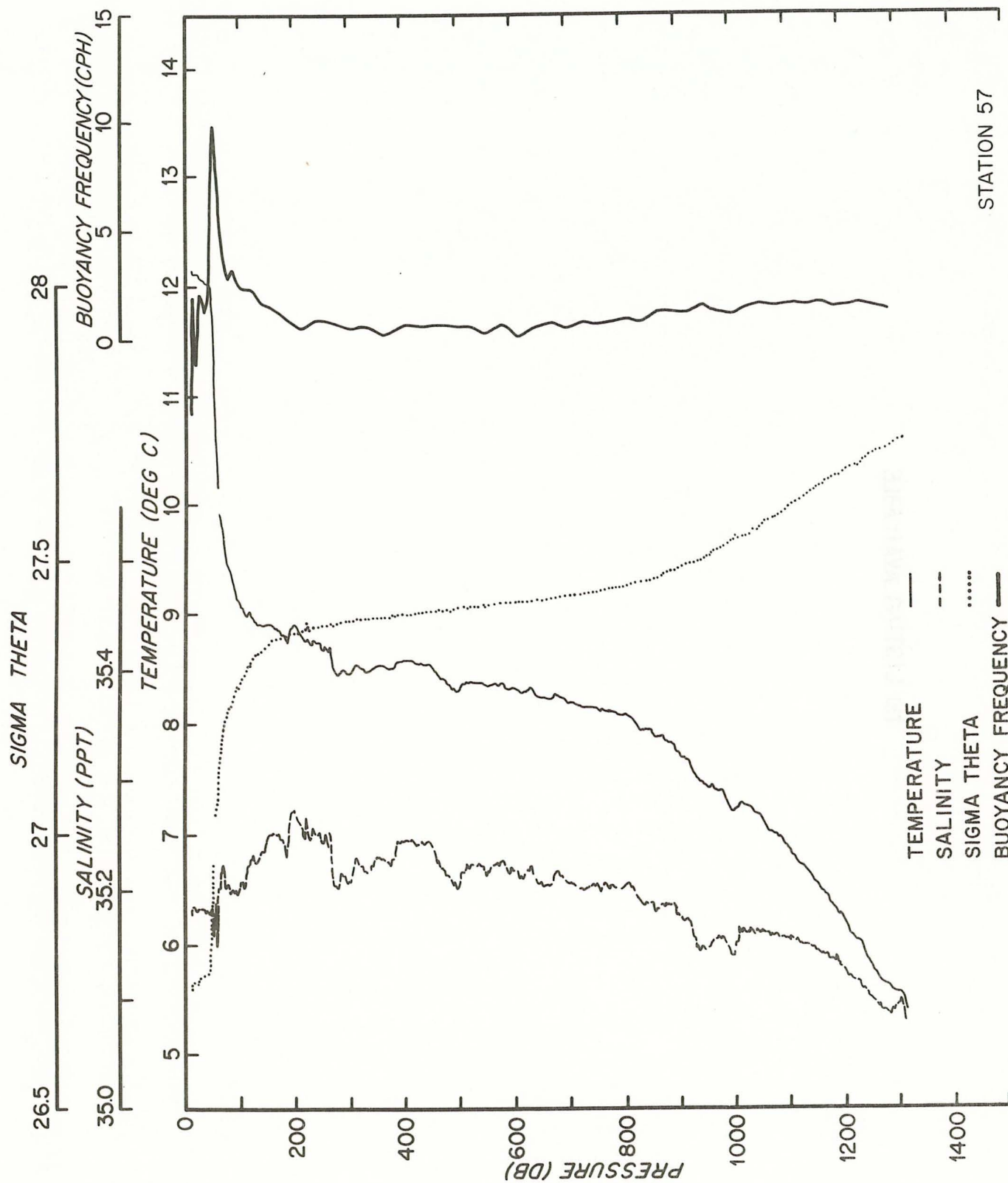
STATION 56

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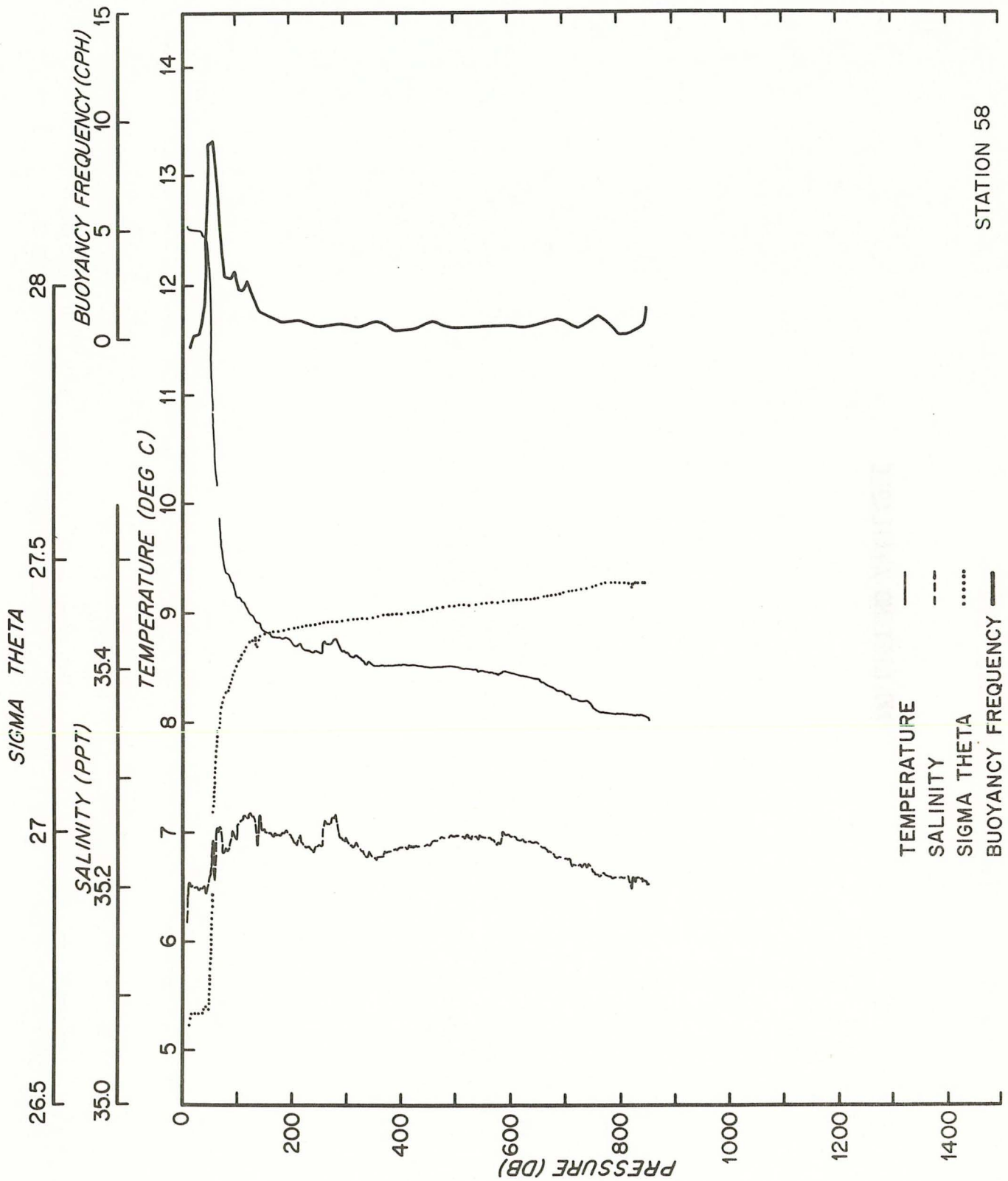
STATION 57

NO LISTING AVAILABLE



STATION 58

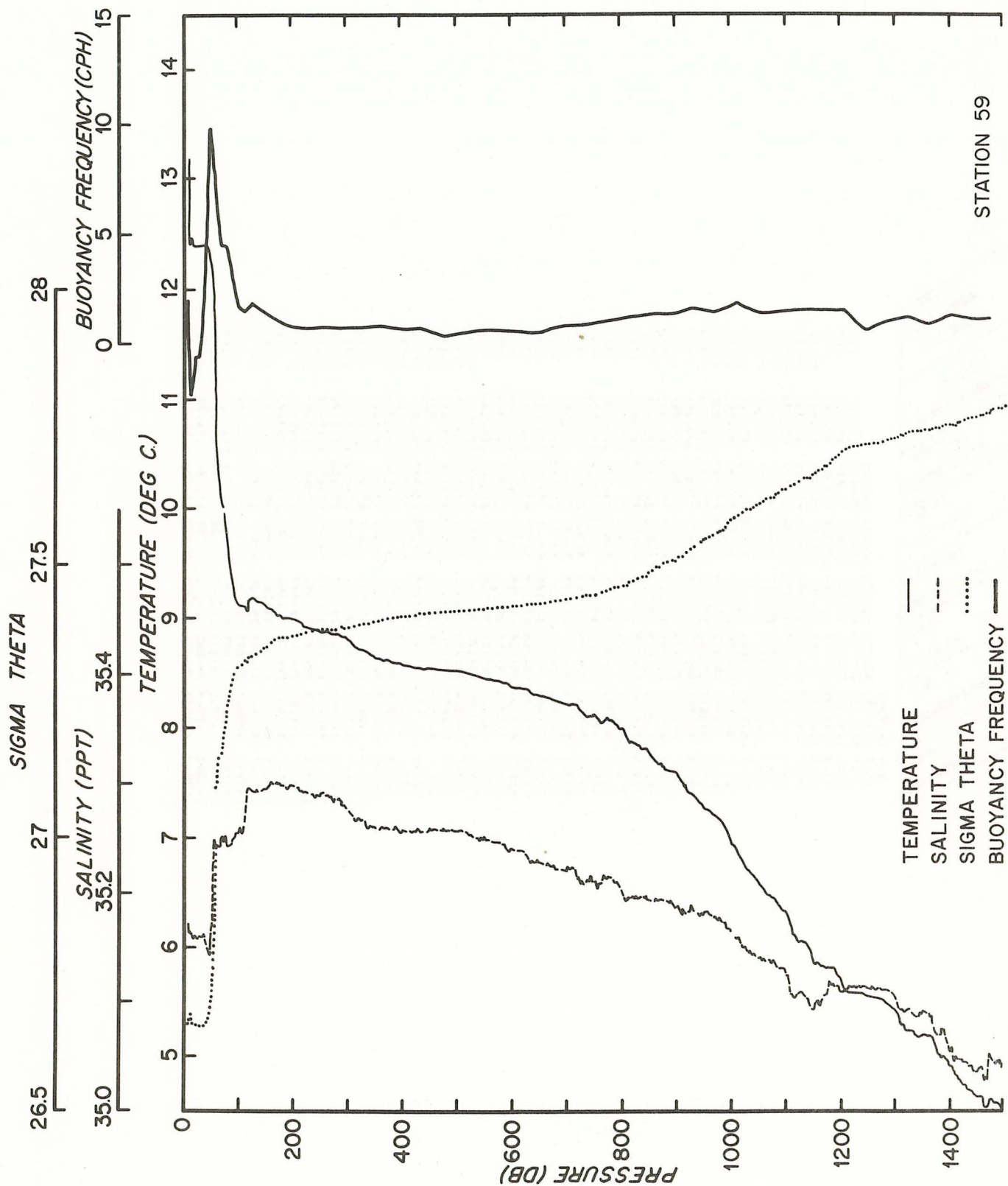
NO LISTING AVAILABLE



STATION 58

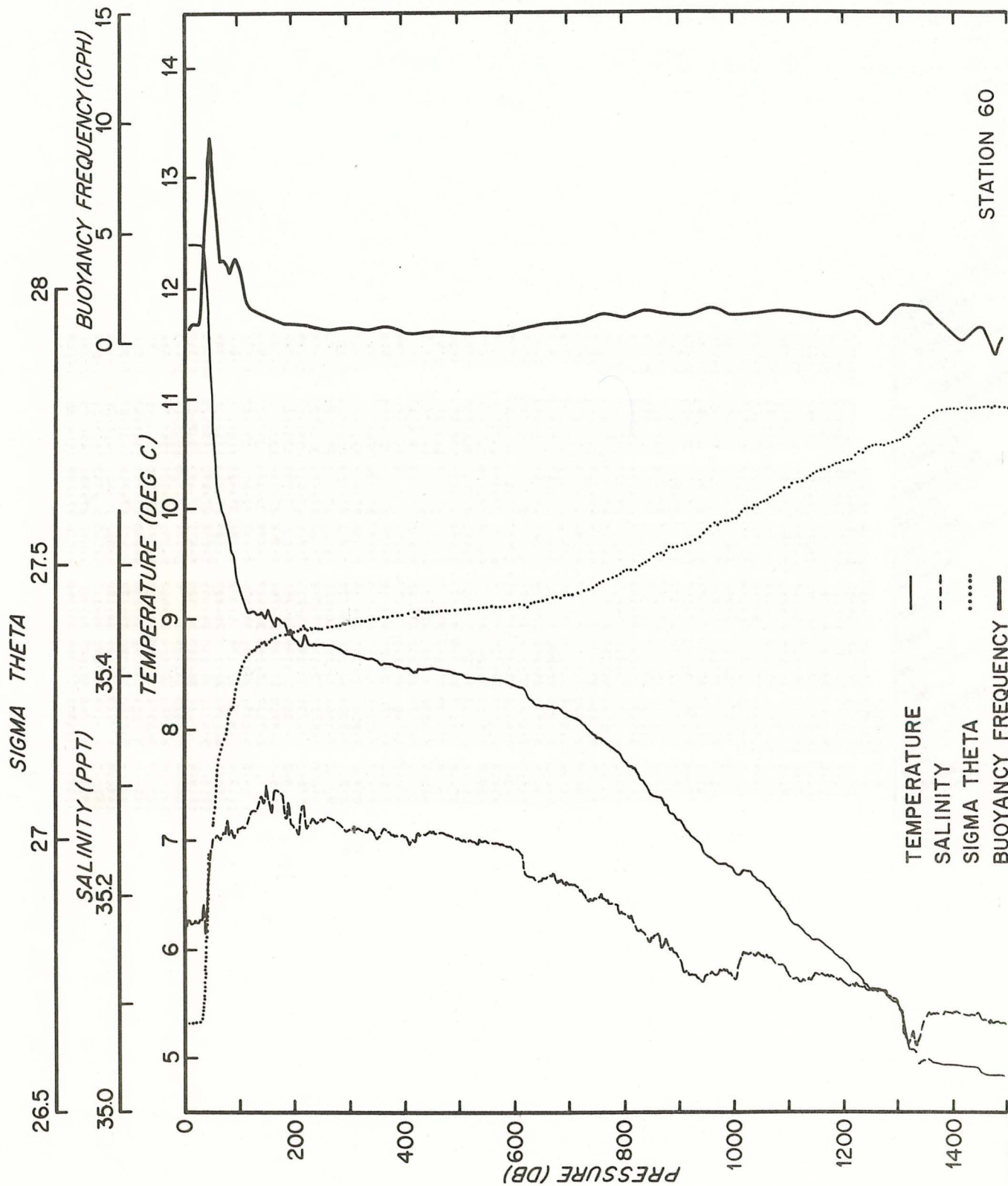
STATION 59

NO LISTING AVAILABLE



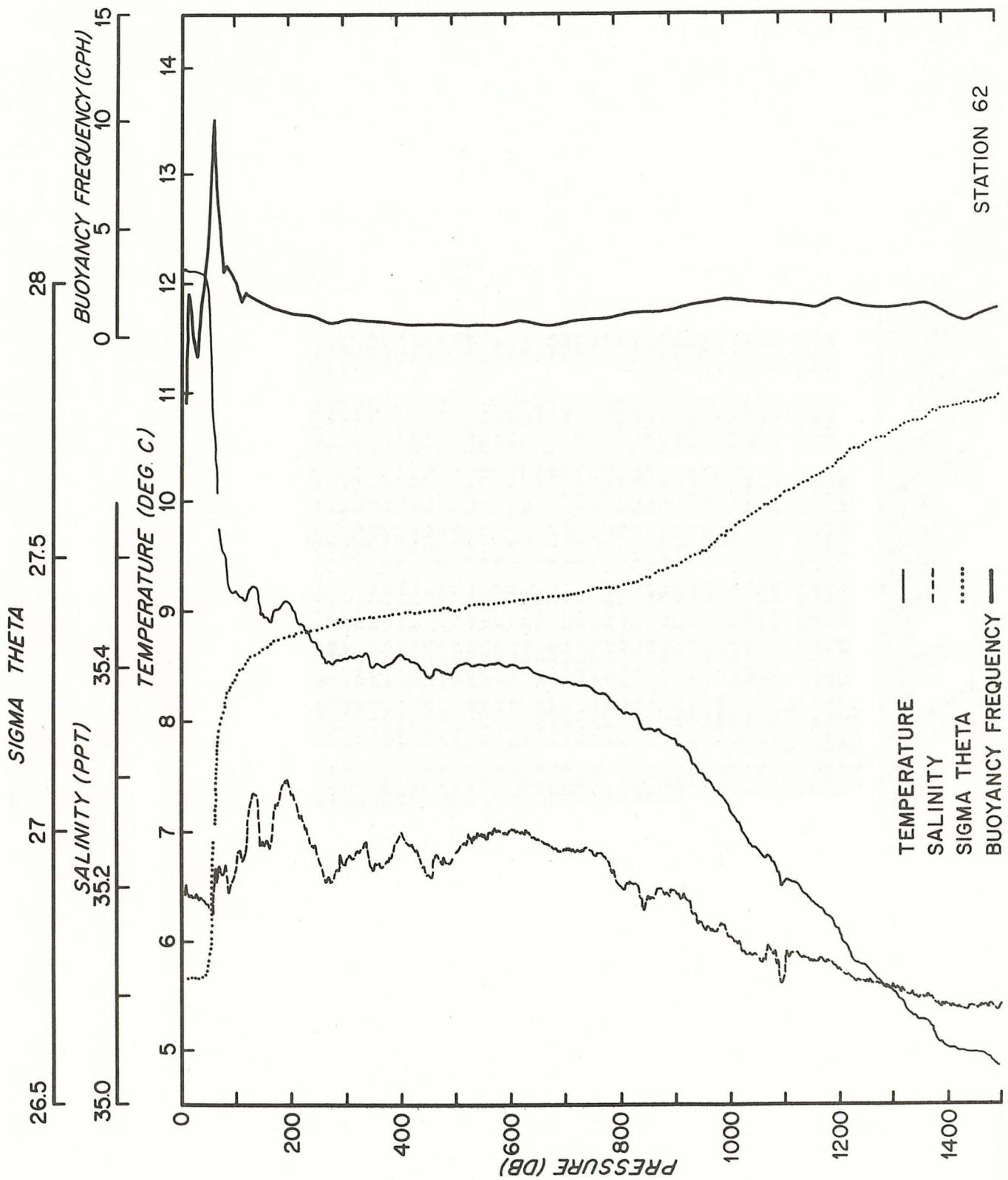
STATION 60

TEMPERATURE (dbar)	TEMP. TEMP. (deg C)	SALINITY (ppt)	CONDUCTIVITY (mmho/cm)	POT. TEMP. (deg C)	SIGMA THETA (gm/m ³)	AVERAGED PRESSURE (dbar)	BUOYANCY FREQUENCY (cpb)
10.2	14.9917	35.173	40.573	12.408	26.661	13.917	.744
17.6	14.400	35.174	40.579	12.408	26.662	21.850	.946
26.1	14.043	35.176	40.578	12.401	26.664	30.667	.933
35.2	14.035	35.178	40.584	12.399	26.667	40.083	5.152
44.9	12.003	35.183	40.207	11.999	26.744	49.300	9.417
54.9	10.7427	35.238	39.054	10.736	27.025	59.233	5.209
63.6	10.2154	35.254	38.570	10.208	27.131	68.483	3.756
73.4	9.9550	35.251	38.324	9.947	27.174	77.050	3.745
80.7	9.8055	35.261	38.198	9.800	27.207	86.217	3.208
91.7	9.5953	35.260	38.003	9.589	27.242	96.650	3.961
101.6	9.2894	35.256	37.709	9.278	27.290	105.900	3.335
110.2	9.1393	35.263	37.578	9.127	27.320	114.783	2.205
119.4	9.0447	35.265	37.513	9.052	27.334	123.450	1.622
127.5	9.0444	35.277	37.548	9.070	27.340	132.850	1.402
166.4	8.9543	35.276	37.422	8.916	27.363	146.567	.992
202.3	8.8194	35.264	37.319	8.798	27.373	154.350	.907
240.9	8.7878	35.269	37.312	8.762	27.382	161.617	.728
279.5	8.7435	35.268	37.286	8.713	27.388	169.433	.826
317.5	8.6488	35.261	37.226	8.635	27.395	177.717	.659
353.4	8.5960	35.251	37.164	8.558	27.398	185.550	.655
392.2	8.5848	35.255	37.156	8.523	27.406	193.900	.491
431.6	8.5531	35.256	37.163	8.507	27.409	201.517	.620
473.1	8.5242	35.257	37.165	8.483	27.413	209.367	.519
510.4	8.4815	35.249	37.124	8.427	27.415	217.733	.501
549.0	8.4448	35.249	37.126	8.406	27.417	225.583	.474
587.5	8.4373	35.246	37.114	8.374	27.419	233.833	.626
628.3	8.4298	35.218	36.958	8.213	27.421	241.678	.929
667.3	8.4238	35.218	36.923	8.153	27.431	249.783	.991
705.8	8.4102	35.211	36.836	8.046	27.440	257.567	1.032
743.3	7.9765	35.196	36.704	7.899	27.450	265.567	1.407
782.7	7.8184	35.193	36.571	7.737	27.472	273.017	1.179
822.7	7.6273	35.174	36.393	7.543	27.485	280.583	1.573
861.0	7.4008	35.164	36.189	7.314	27.511	288.117	1.332
899.1	7.1883	35.146	35.993	7.098	27.527	295.017	1.239
938.6	6.9829	35.124	35.771	6.860	27.543	301.817	1.650
976.6	6.7958	35.133	35.651	6.700	27.572	308.583	1.305
1016.3	6.7367	35.147	35.626	6.638	27.591	315.433	1.367
1056.0	6.5957	35.146	35.503	6.484	27.611	322.15	1.519
1094.7	6.3427	35.132	35.284	6.239	27.632	328.97	1.439
1132.2	6.1349	35.122	35.117	6.049	27.650	335.73	1.384
1170.3	6.0276	35.128	35.023	5.919	27.671	342.583	1.250
1205.4	5.8491	35.120	34.895	5.768	27.683	349.433	1.561
1245.2	5.6521	35.114	34.699	5.539	27.707	356.283	.832
1281.7	5.5800	35.109	34.645	5.464	27.712	363.45	.833
1320.2	5.0745	35.063	34.161	4.960	27.737	370.98	1.742
1357.7	4.9947	35.093	34.130	4.877	27.770	378.97	.851
1395.8	4.9405	35.093	34.097	4.820	27.777	386.73	.167
1434.4	4.9331	35.091	34.105	4.809	27.776	394.507	.876
1469.5	4.8551	35.087	34.045	4.728	27.782	402.27	.578
1483.0	4.8569	35.085	34.051	4.728	27.780	410.027	.238
1495.0	4.8515	35.084	34.050	4.722	27.780	417.899	.238



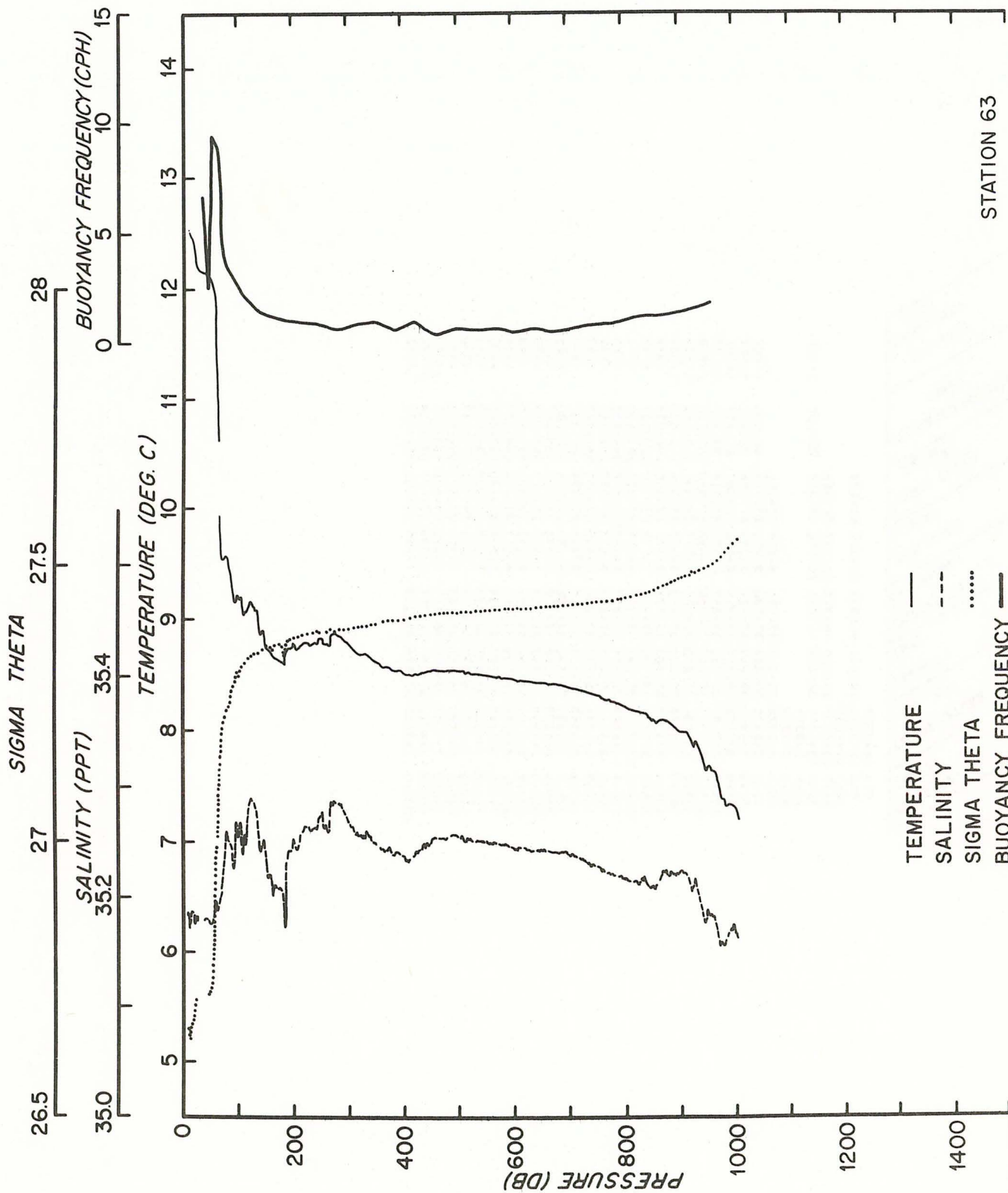
STATION 60

TEMPERATURE (deg C)	SALINITY (ppt)	CONDUCTIVITY (mmho/cm)	POT. TEMP. (deg C)	SIGMA THETA (gm/m ³)	AVERAGED PRESSURE (dbar)	BUOYANCY FREQUENCY (cpH)
11.8167	35.205	40.330	12.124	26.742	8.483	3.07
6.7	12.1250	35.205	12.116	26.732	10.800	1.950
10.2	12.1178	35.190	12.114	26.731	10.800	1.950
11.4	12.1159	35.192	12.112	26.731	10.800	1.950
16.2	12.043	35.191	12.092	26.737	20.267	1.950
24.3	12.031	35.191	12.088	26.737	28.667	1.950
33.4	12.0501	35.187	12.086	26.734	37.267	1.950
41.1	12.047	35.189	12.085	26.739	46.033	1.950
50.9	11.9121	35.183	11.905	26.765	54.167	1.950
57.4	11.2446	35.124	11.257	26.841	61.156	1.950
66.1	10.0730	35.212	10.065	27.123	69.417	1.950
72.8	9.6079	35.216	9.600	27.206	77.283	1.950
81.8	9.4749	35.220	9.466	27.231	84.950	1.950
88.1	9.2250	35.193	9.215	27.251	92.350	1.950
96.6	9.1222	35.210	9.162	27.273	100.833	1.950
105.1	9.1159	35.230	9.164	27.288	109.417	1.950
113.8	9.1149	35.227	9.102	27.296	118.050	1.950
122.3	9.1464	35.247	9.133	27.307	126.667	1.950
130.4	8.9494	35.241	8.933	27.334	135.283	1.950
138.2	8.9079	35.245	8.907	27.352	143.900	1.950
146.8	8.8598	35.247	8.870	27.369	152.500	1.950
155.4	8.8538	35.222	8.815	27.391	161.100	1.950
164.0	8.8537	35.242	8.851	27.391	169.700	1.950
172.6	8.8537	35.242	8.851	27.391	178.300	1.950
181.2	8.8537	35.242	8.851	27.391	186.900	1.950
189.8	8.8537	35.242	8.851	27.391	195.500	1.950
198.4	8.8537	35.242	8.851	27.391	204.100	1.950
207.0	8.8537	35.242	8.851	27.391	212.700	1.950
215.6	8.8537	35.242	8.851	27.391	221.300	1.950
224.2	8.8537	35.242	8.851	27.391	229.900	1.950
232.8	8.8537	35.242	8.851	27.391	238.500	1.950
241.4	8.8537	35.242	8.851	27.391	247.100	1.950
250.0	8.8537	35.242	8.851	27.391	255.700	1.950
258.6	8.8537	35.242	8.851	27.391	264.300	1.950
267.2	8.8537	35.242	8.851	27.391	272.900	1.950
275.8	8.8537	35.242	8.851	27.391	281.500	1.950
284.4	8.8537	35.242	8.851	27.391	290.100	1.950
293.0	8.8537	35.242	8.851	27.391	298.700	1.950
301.6	8.8537	35.242	8.851	27.391	307.300	1.950
310.2	8.8537	35.242	8.851	27.391	315.900	1.950
318.8	8.8537	35.242	8.851	27.391	324.500	1.950
327.4	8.8537	35.242	8.851	27.391	333.100	1.950
336.0	8.8537	35.242	8.851	27.391	341.700	1.950
344.6	8.8537	35.242	8.851	27.391	350.300	1.950
353.2	8.8537	35.242	8.851	27.391	358.900	1.950
361.8	8.8537	35.242	8.851	27.391	367.500	1.950
370.4	8.8537	35.242	8.851	27.391	376.100	1.950
379.0	8.8537	35.242	8.851	27.391	384.700	1.950
387.6	8.8537	35.242	8.851	27.391	393.300	1.950
396.2	8.8537	35.242	8.851	27.391	401.900	1.950
404.8	8.8537	35.242	8.851	27.391	410.500	1.950
413.4	8.8537	35.242	8.851	27.391	419.100	1.950
422.0	8.8537	35.242	8.851	27.391	427.700	1.950
430.6	8.8537	35.242	8.851	27.391	436.300	1.950
439.2	8.8537	35.242	8.851	27.391	444.900	1.950
447.8	8.8537	35.242	8.851	27.391	453.500	1.950
456.4	8.8537	35.242	8.851	27.391	462.100	1.950
465.0	8.8537	35.242	8.851	27.391	470.700	1.950
473.6	8.8537	35.242	8.851	27.391	479.300	1.950
482.2	8.8537	35.242	8.851	27.391	487.900	1.950
490.8	8.8537	35.242	8.851	27.391	496.500	1.950
499.4	8.8537	35.242	8.851	27.391	505.100	1.950
508.0	8.8537	35.242	8.851	27.391	513.700	1.950
516.6	8.8537	35.242	8.851	27.391	522.300	1.950
525.2	8.8537	35.242	8.851	27.391	530.900	1.950
533.8	8.8537	35.242	8.851	27.391	539.500	1.950
542.4	8.8537	35.242	8.851	27.391	548.100	1.950
551.0	8.8537	35.242	8.851	27.391	556.700	1.950
559.6	8.8537	35.242	8.851	27.391	565.300	1.950
568.2	8.8537	35.242	8.851	27.391	573.900	1.950
576.8	8.8537	35.242	8.851	27.391	582.500	1.950
585.4	8.8537	35.242	8.851	27.391	591.100	1.950
594.0	8.8537	35.242	8.851	27.391	599.700	1.950
602.6	8.8537	35.242	8.851	27.391	608.300	1.950
611.2	8.8537	35.242	8.851	27.391	616.900	1.950
619.8	8.8537	35.242	8.851	27.391	625.500	1.950
628.4	8.8537	35.242	8.851	27.391	634.100	1.950
637.0	8.8537	35.242	8.851	27.391	642.700	1.950
645.6	8.8537	35.242	8.851	27.391	651.300	1.950
654.2	8.8537	35.242	8.851	27.391	659.900	1.950
662.8	8.8537	35.242	8.851	27.391	668.500	1.950
671.4	8.8537	35.242	8.851	27.391	677.100	1.950
680.0	8.8537	35.242	8.851	27.391	685.700	1.950
688.6	8.8537	35.242	8.851	27.391	694.300	1.950
697.2	8.8537	35.242	8.851	27.391	702.900	1.950
705.8	8.8537	35.242	8.851	27.391	711.500	1.950
714.4	8.8537	35.242	8.851	27.391	720.100	1.950
723.0	8.8537	35.242	8.851	27.391	728.700	1.950
731.6	8.8537	35.242	8.851	27.391	737.300	1.950
740.2	8.8537	35.242	8.851	27.391	745.900	1.950
748.8	8.8537	35.242	8.851	27.391	754.500	1.950
757.4	8.8537	35.242	8.851	27.391	763.100	1.950
766.0	8.8537	35.242	8.851	27.391	771.700	1.950
774.6	8.8537	35.242	8.851	27.391	780.300	1.950
783.2	8.8537	35.242	8.851	27.391	788.900	1.950
791.8	8.8537	35.242	8.851	27.391	797.500	1.950
800.4	8.8537	35.242	8.851	27.391	806.100	1.950
809.0	8.8537	35.242	8.851	27.391	814.700	1.950
817.6	8.8537	35.242	8.851	27.391	823.300	1.950
826.2	8.8537	35.242	8.851	27.391	831.900	1.950
834.8	8.8537	35.242	8.851	27.391	840.500	1.950
843.4	8.8537	35.242	8.851	27.391	849.100	1.950
852.0	8.8537	35.242	8.851	27.391	857.700	1.950
860.6	8.8537	35.242	8.851	27.391	866.300	1.950
869.2	8.8537	35.242	8.851	27.391	874.900	1.950
877.8	8.8537	35.242	8.851	27.391	883.500	1.950
886.4	8.8537	35.242	8.851	27.391	892.100	1.950
895.0	8.8537	35.242	8.851	27.391	900.700	1.950
903.6	8.8537	35.242	8.851	27.391	909.300	1.950
912.2	8.8537	35.242	8.851	27.391	917.900	1.950
920.8	8.8537	35.242	8.851	27.391	926.500	1.950
929.4	8.8537	35.242	8.851	27.391	935.100	1.950
938.0	8.8537	35.242	8.851	27.391	943.700	1.950
946.6	8.8537	35.242	8.851	27.391	952.300	1.950
955.2	8.8537	35.242	8.851	27.391	960.900	1.950
963.8	8.8537	35.242	8.851	27.391	969.500	1.950
972.4	8.8537	35.242	8.851	27.391	978.100	1.950
981.0	8.8537	35.242	8.851	27.391	986.700	1.950
989.6	8.8537	35.242	8.851	27.391	995.300	1.950
998.2	8.8537	35.242	8.851	27.391	1003.900	1.950
1006.8	8.8537	35.242	8.851	27.391	1012.500	1.950
1015.4	8.8537	35.242	8.851	27.391	1021.100	1.950
1024.0	8.8537	35.242	8.851	27.391	1029.700	1.950
1032.6	8.8537	35.242	8.851	27.391	1038.300	1.950
1041.2	8.8537	35.242	8.851	27.391	1046.900	1.950
1049.8	8.8537	35.242	8.851	27.391	1055.500	1.950
1058.4	8.8537	35.242	8.851	27.391	1064.100	1.950
1067.0	8.8537	35.242	8.851	27.391	1072.700	1.950
1075.6	8.8537	35.242	8.851	27.391	1081.300	1.950
1084.2	8.8537	35.242	8.851	27.391	1089.900	1.950
1092.8	8.8537	35.242	8.851	27.391	1098.500	1.950
1101.4	8.8537	35.242	8.851	27.391	1107.100	1.950
1110.0	8.8537	35.242	8.851	27.391	1115.700	1.950
1118.6	8.8537	35.242	8.851	27.391	1124.300	1.950
1127.2	8.8537	35.242	8.851	27.391	1132.900	1.950
1135.8	8.8537	35.242	8.851	27.391	1141.500	1.950
1144.4	8.8537	35.242	8.851	27.391	1150.100	1.950
1153.0	8.8537	35.242	8.851	27.391	1158.700	1.950
1161.6	8.8537	35.242	8.851	27.391	1167.300	1.950
1170.2	8.8537	35.242	8.851	27.391	1175.900	1.950
1178.8	8.8537	35.242	8.851	27.391	1184.500	1.950
1187.4	8.8537	35.242	8.851	27.391	1193.100	1.950
1196.0	8.8537	35.242	8.851	27.391	1201.700	1.950
1204.6	8.8537	35.242	8.851	27.391	1210.300	1.950
1213.2	8.8537	35.242	8.851	27.391	1218.900	1.950
1221.8	8.8537	35.242	8.851	27.391	1227.500	1.950
1230.4	8.8537	35.242	8.851	27.391	1236.100	1.950
1239.0	8.8537	35.242	8.851	27.391	1244.700	1.950
1247.6	8.8537	35.242	8.851	27.391	1253.300	1.950
1256.2	8.8537	35.242	8.851	27.391	1261.900	1.950
1264.8	8.8537	35.242	8.851	27.391	1270.500	1.950
1273.4	8.8537					



STATION 63

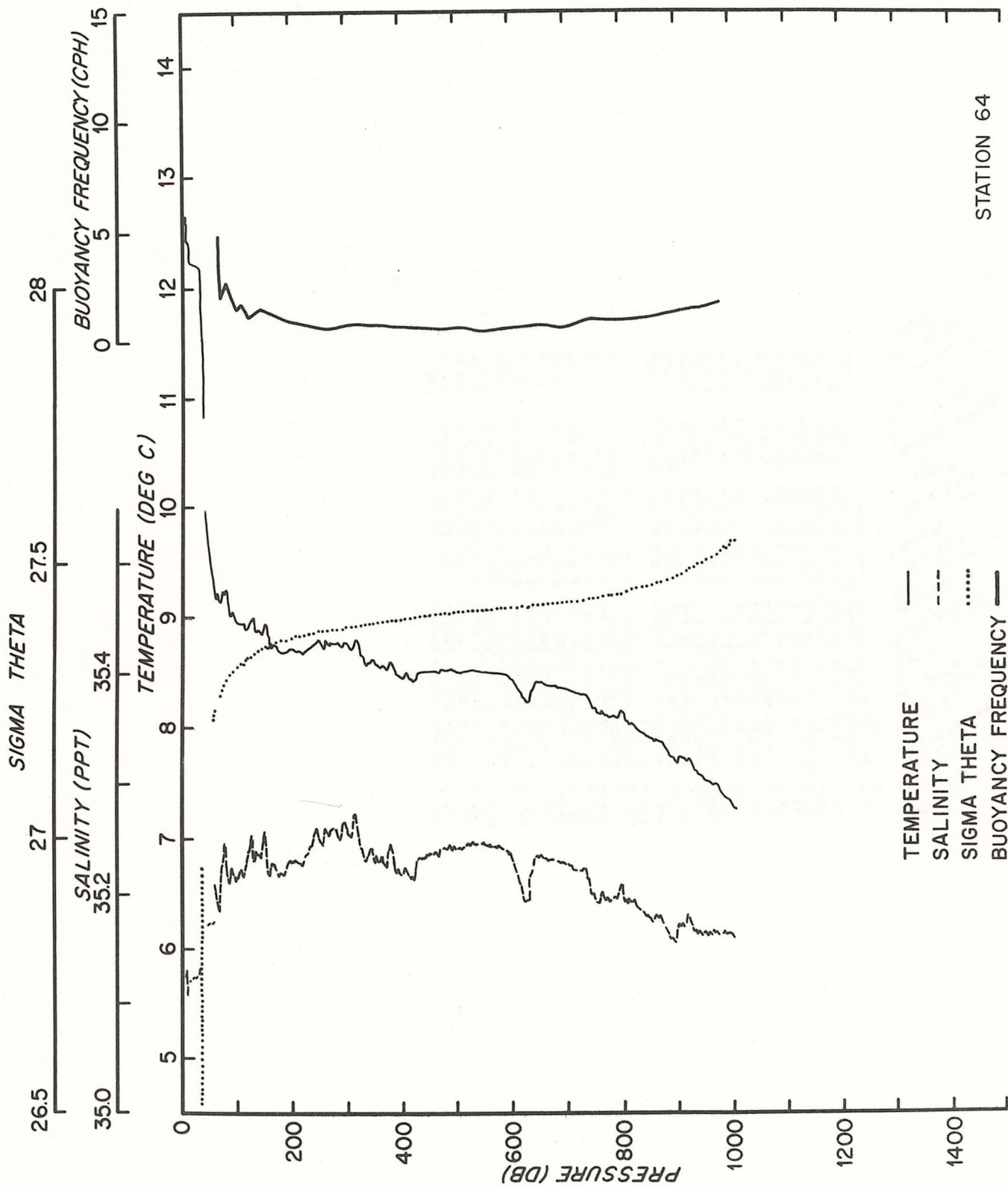
TEMPERATURE (deg C)	SALINITY (ppt)	CONDUCTIVITY (mmho/cm)	POT. TEMP. (deg C)	SIGMA THETA (gm/m ³)	AVERAGED PRESSURE (dbar)	BUOYANCY (gph)
7.5	35.188	40.634	12.454	26.664	12.250	2.322
11.3	35.187	40.643	12.463	26.661	17.067	3.299
13.2	35.186	40.615	12.327	26.687	17.067	3.575
20.5	35.184	40.368	12.173	26.715	24.353	
27.8	35.184	40.368	12.173	26.715	24.353	
36.1	35.182	40.346	12.143	26.719	40.200	5.618
44.3	35.177	40.247	12.042	26.734	48.467	2.447
52.6	35.198	39.039	10.758	26.990	57.200	9.393
61.8	35.203	37.958	9.613	27.193	66.050	8.728
70.3	35.252	37.980	9.581	27.237	74.333	4.141
78.4	35.248	37.795	9.385	27.267	82.000	3.354
86.6	35.238	37.894	9.178	27.292	91.200	3.081
95.6	35.267	37.655	9.209	27.310	99.650	2.590
103.7	35.257	37.528	9.079	27.323	108.217	2.212
112.7	35.283	37.683	9.148	27.333	116.353	1.999
120.1	35.222	37.185	8.726	27.352	124.683	1.397
155.3	35.239	37.221	8.727	27.364	172.433	1.072
189.6	35.263	37.322	8.789	27.373	207.117	.894
224.7	35.267	37.321	8.762	27.380	242.950	.815
261.2	35.274	37.356	8.772	27.383	278.900	.551
296.6	35.262	37.272	8.674	27.389	314.450	.795
332.3	35.245	37.148	8.539	27.396	350.833	.912
367.3	35.235	37.097	8.474	27.398	385.400	.477
403.5	35.250	37.150	8.493	27.406	421.783	.889
440.1	35.253	37.181	8.503	27.407	457.817	.283
475.5	35.252	37.173	8.474	27.410	493.700	.584
511.9	35.252	37.171	8.452	27.412	530.017	.529
548.2	35.250	37.162	8.423	27.415	565.367	.586
582.6	35.246	37.149	8.392	27.418	601.400	.379
620.2	35.242	37.146	8.370	27.419	637.433	.581
654.6	35.242	37.139	8.345	27.419	672.483	.404
690.3	35.225	37.104	8.294	27.421	708.133	.549
726.0	35.225	37.035	8.210	27.425	744.000	.739
762.0	35.219	36.982	8.141	27.430	779.450	.782
796.9	35.221	36.950	8.083	27.441	814.933	1.024
832.9	35.225	36.912	8.018	27.453	851.467	1.090
870.0	35.224	36.832	7.914	27.467	887.333	1.252
904.7	35.185	36.527	7.610	27.482	921.817	1.421
939.0	35.160	36.234	7.300	27.508	957.267	1.694
975.6						



STATION 63

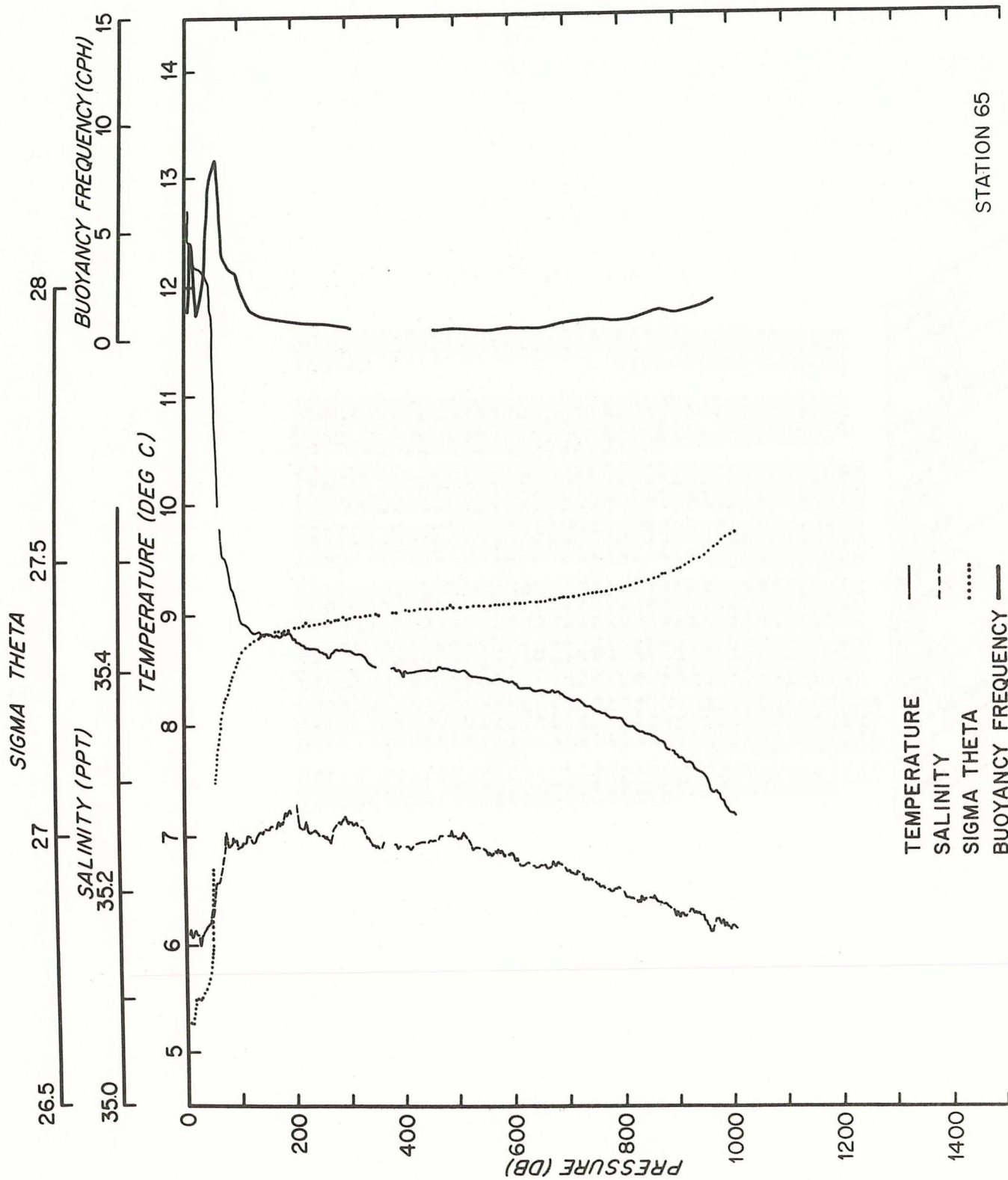
STATION 64

TEMPERATURE (deg C)	SALINITY (ppt)	CONDUCTIVITY (mmho/cm)	POT. TEMP. (deg C)	SIGMA THERA (gm/m ³)	AVERAGED PRESSURE (dbar)	BUOYANCY FREQUENCY (cpH)
5.4	14.3003					
9.8	12.4120	35.131	40.933	12.411	26.629	
12.0	12.4026					
21.9	12.1999	35.125	40.927	12.197	26.665	
32.3	12.1840	35.129	40.921	12.180	26.672	27.100
42.4	9.9841					1.401
53.3	9.4743					
63.6	9.2328	35.207	37.991	9.226	27.261	
74.2	9.2490	35.226	37.930	9.241	27.273	1.922
84.6	9.0449	35.213	37.929	9.036	27.296	2.684
94.6	8.9998	35.218	37.956	8.990	27.307	1.887
104.3	8.9483	35.215	37.949	8.937	27.314	1.463
113.8	8.8944	35.215	37.903	8.882	27.322	1.712
123.8	8.9904	35.240	37.921	8.977	27.326	1.113
144.3	8.7678	35.229	37.920	8.750	27.354	1.403
204.8	8.6958	35.229	37.971	8.674	27.365	1.533
245.5	8.7974	35.259	37.913	8.771	27.372	1.591
284.8	8.7445	35.252	37.974	8.714	27.376	1.748
324.8	8.6558	35.244	37.933	8.624	27.382	1.591
344.6	8.6712	35.235	37.930	8.632	27.389	1.786
404.8	8.4934	35.224	37.065	8.450	27.393	1.807
445.6	8.5118	35.235	37.115	8.468	27.398	1.653
455.7	8.5339	35.242	37.154	8.482	27.401	1.520
525.6	8.5228	35.246	37.172	8.471	27.405	1.600
572.8	8.4999	35.243	37.164	8.438	27.407	1.479
621.5	8.2494	35.194	36.904	8.183	27.408	1.563
670.1	8.3888	35.223	37.093	8.317	27.416	1.594
717.5	8.3148	35.223	37.034	8.238	27.420	1.600
766.5	8.1202	35.197	36.849	8.049	27.429	1.541
816.0	8.0378	35.186	36.793	7.951	27.441	1.550
865.0	7.8803	35.180	36.653	7.790	27.453	1.598
912.0	7.7047	35.171	36.501	7.610	27.472	1.246
960.6	7.4913	35.165	36.317	7.393	27.498	1.432
1002.4	7.2692	35.164	36.129	7.168	27.530	1.672



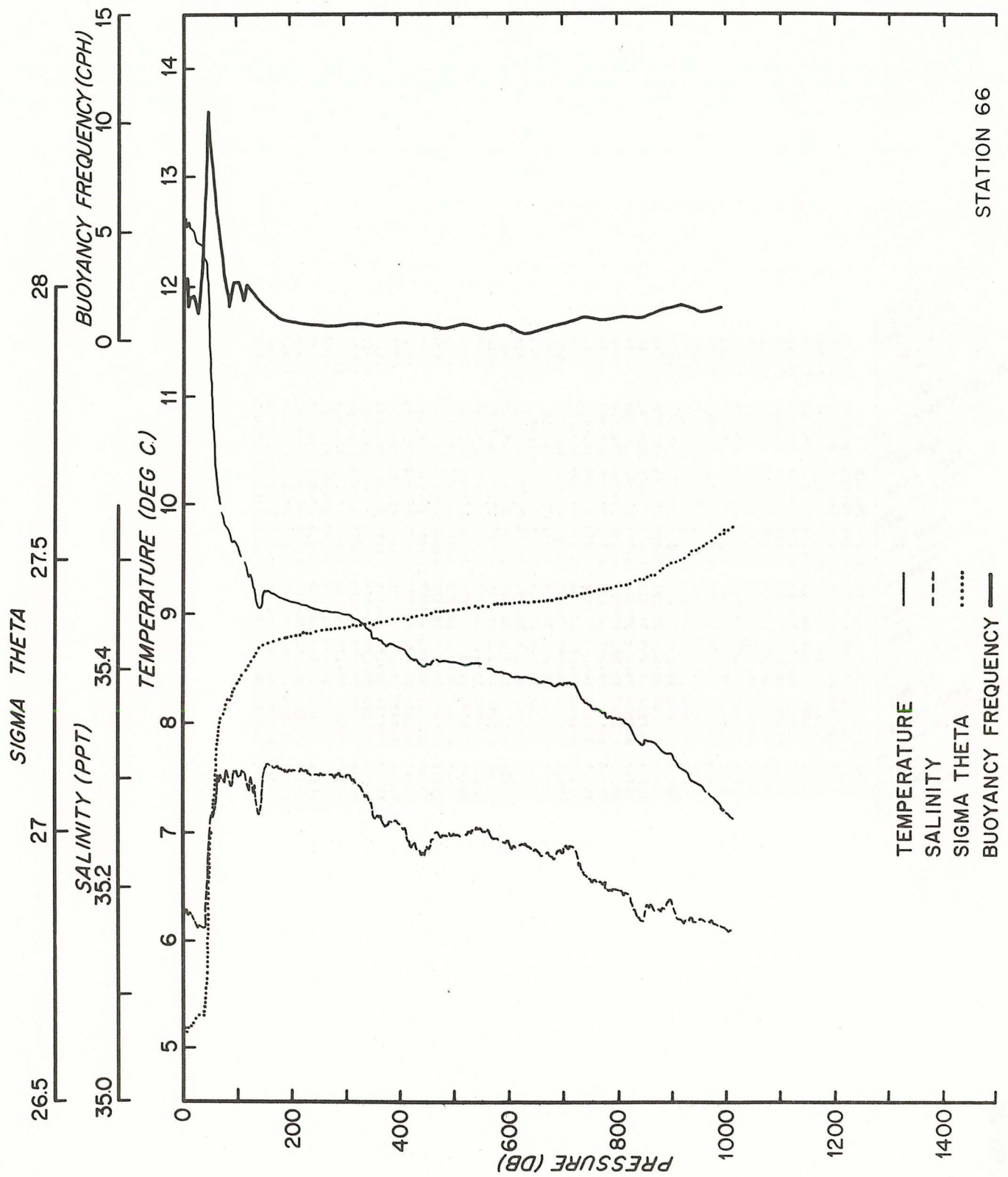
STATION 65

PRESSURE (dbar)	TEMPERATURE (deg C)	SALINITY (ppt)	CONDUCTIVITY (mmh/cm)	POT. TEMP. (deg C)	SIGMA THETA (gm/m ³)	AVERAGED PRESSURE (dbar)	BUOYANCY FREQUENCY (cpH)
9.6	13.5792	35.160	40.560	12.410	26.651	8.583	1.452
7.3	12.4107	35.162	40.562	12.408	26.653	13.350	4.611
9.9	12.4095	35.164	40.564	12.411	26.699	23.117	1.112
16.8	12.1129	35.164	40.564	12.137	26.704	36.483	2.736
29.4	12.1411	35.160	40.509	12.032	26.732	47.483	7.408
41.5	12.0372	35.171	40.225	11.046	26.938	59.050	8.535
53.4	11.0528	35.198	39.311	9.673	27.195	71.300	3.911
64.7	9.5807	35.218	38.027	9.430	27.259	83.117	3.300
77.9	9.4384	35.248	37.832	9.218	27.294	94.767	3.071
88.3	9.2280	35.248	37.638	8.953	27.332	107.083	2.094
101.2	8.9638	35.241	37.388	8.899	27.348	118.250	1.440
112.9	8.9108	35.251	37.352	8.826	27.355	149.517	1.112
124.2	8.8394	35.245	37.284	8.791	27.374	200.967	.824
144.9	8.8097	35.263	37.296	8.677	27.384	253.750	.803
227.1	8.7009	35.254	37.208	8.657	27.393	304.500	.604
280.4	8.6874	35.264	37.229	8.675	27.398		
328.6	8.6097	35.253	37.168				
375.6	8.5283						
430.9	8.5073	35.246	37.110	8.461	27.408	455.267	.462
479.6	8.5203	35.251	37.149	8.469	27.410	502.750	.550
525.9	8.4477	35.240	37.091	8.391	27.413	549.900	.452
573.9	8.4198	35.237	37.084	8.358	27.415	597.550	.556
621.2	8.3453	35.226	37.024	8.279	27.418	645.633	.537
670.1	8.3184	35.225	37.019	8.247	27.421	688.967	.778
707.9	8.2388	35.216	36.953	8.163	27.426	724.917	.860
742.0	8.1659	35.210	36.893	8.087	27.433	758.883	.854
775.8	8.0818	35.201	36.821	8.000	27.438	793.600	.873
811.4	8.0032	35.194	36.757	7.918	27.445	829.150	1.045
846.9	7.9333	35.194	36.707	7.844	27.455	864.400	1.324
881.9	7.7802	35.185	36.571	7.688	27.471	899.267	1.236
916.6	7.6797	35.184	36.491	7.585	27.485	933.800	1.434
951.0	7.4862	35.170	36.314	7.389	27.503	968.113	1.807
985.4	7.2671	35.169	36.124	7.167	27.534		



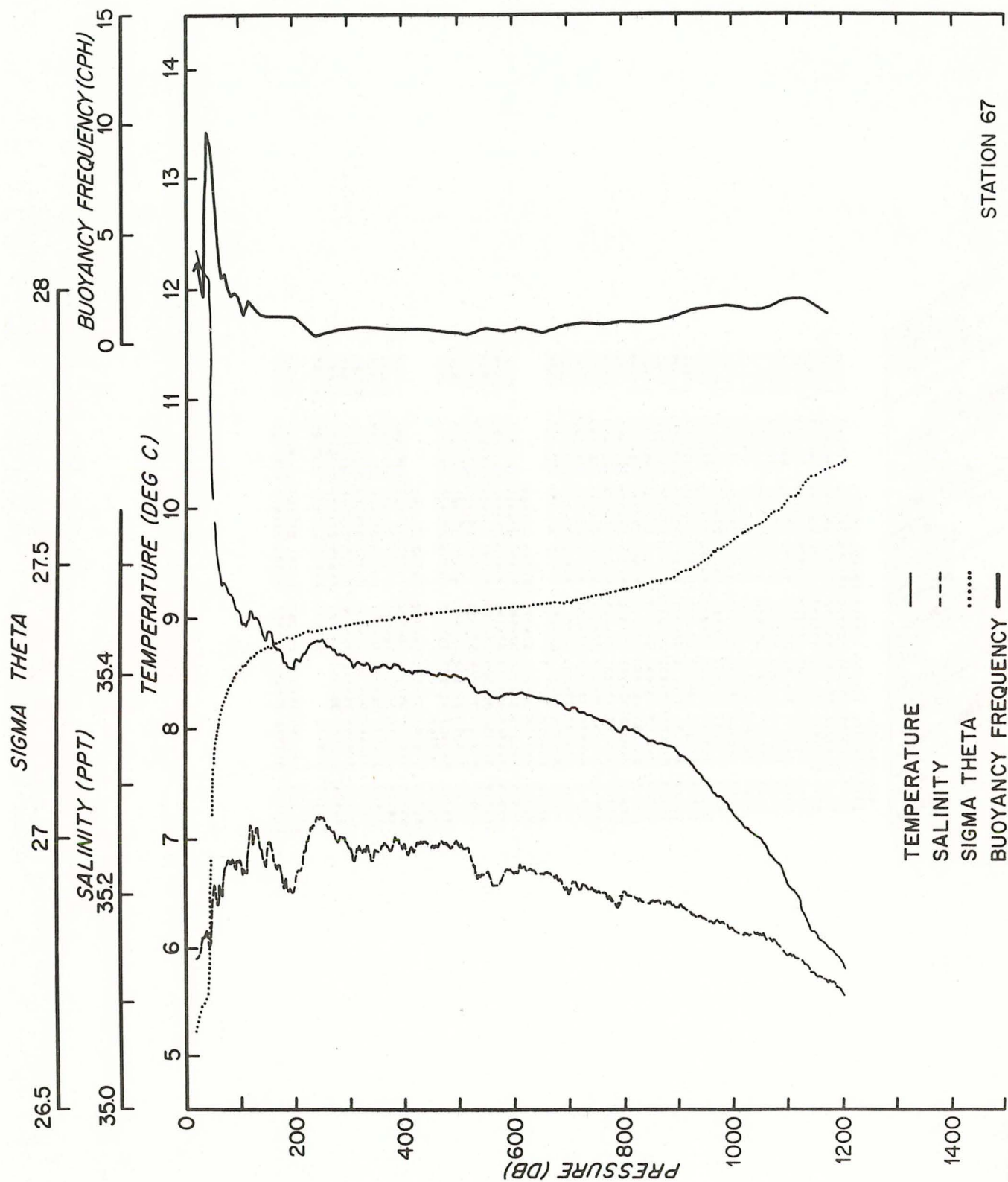
STATION 66

PRESSURE (dbar)	TEMPERATURE (deg C)	SALINITY (ppt)	CONDUCTIVITY (mmho/cm)	POT. TEMP. (deg C)	SIGMA THETA (gm/m ³)	AVERAGED PRESSURE (dbar)	BUOYANCY (gph)
13.4680	35.162	40.700	12.553	26.625			
5.9	12.5536	35.172	40.719	12.559	26.631	7.833	2.332
9.7	12.5526	35.177	40.718	12.551	26.637	10.767	2.885
11.8	12.5526	35.177	40.710	12.543	26.638	12.350	1.546
12.9	12.5510	35.177	40.689	12.539	26.633	15.050	1.999
17.2	12.5210	35.165	40.567	12.539	26.656	22.617	2.015
28.0	12.5032	35.165	40.567	12.539	26.656	32.400	1.268
36.8	12.3730	35.163	40.540	12.368	26.661	40.917	1.509
45.1	12.0388	35.162	40.278	12.093	26.714	49.833	1.0330
54.6	10.8134	35.266	39.150	10.807	27.035	58.883	1.573
63.2	10.6235	35.290	38.681	10.256	27.115	67.683	4.820
72.2	9.9464	35.304	38.367	9.938	27.277	76.767	2.977
81.3	9.1259	35.307	38.247	9.804	27.242	85.567	1.453
89.8	9.7259	35.295	38.156	9.716	27.247	94.100	2.706
98.4	9.6665	35.307	38.115	9.655	27.267	103.117	2.702
107.8	9.5295	35.305	37.987	9.517	27.289	112.167	1.786
116.5	9.4810	35.306	37.945	9.468	27.297	120.150	2.496
123.8	9.3889	35.304	37.860	9.375	27.311	128.033	1.803
130.6	9.2185	35.315	37.725	9.201	27.348	136.917	0.985
136.9	9.1314	35.310	37.654	9.110	27.358	145.800	0.710
143.5	9.0779	35.307	37.617	9.052	27.364	154.683	0.723
150.4	9.0399	35.305	37.596	9.010	27.369	163.567	0.780
157.0	8.9089	35.305	37.583	8.975	27.374	172.450	0.670
163.7	8.8537	35.286	37.463	8.846	27.380	181.333	0.857
170.1	8.7307	35.259	37.310	8.690	27.383	190.217	0.775
176.4	8.5922	35.242	37.184	8.547	27.382	199.100	0.775
182.7	8.5779	35.247	37.191	8.528	27.398	207.983	0.561
189.0	8.5709	35.250	37.204	8.517	27.401	216.867	0.312
195.3	8.5647	35.256	37.220	8.507	27.407	225.750	0.609
201.6	8.5062	35.247	37.173	8.445	27.409	234.633	0.795
207.9	8.4414	35.240	37.121	8.376	27.414	243.517	1.096
214.2	8.4178	35.236	37.111	8.349	27.414	252.400	0.922
220.5	8.3598	35.228	37.066	8.287	27.417	261.283	1.126
226.8	8.3778	35.240	37.110	8.301	27.424	270.167	1.057
233.1	8.1523	35.208	36.884	8.072	27.433	279.050	1.422
239.4	8.0621	35.200	36.808	7.979	27.441	287.933	1.674
245.7	7.9183	35.187	36.677	7.832	27.452	296.817	1.326
252.0	7.8417	35.186	36.621	7.751	27.463	305.700	1.517
258.3	7.7178	35.189	36.524	7.624	27.484	314.583	1.057
264.6	7.4953	35.176	36.318	7.400	27.506	323.467	1.674
270.9	7.3417	35.171	36.189	7.233	27.528	332.350	1.326
277.2	7.1532	35.164	36.022	7.052	27.546	341.233	1.517



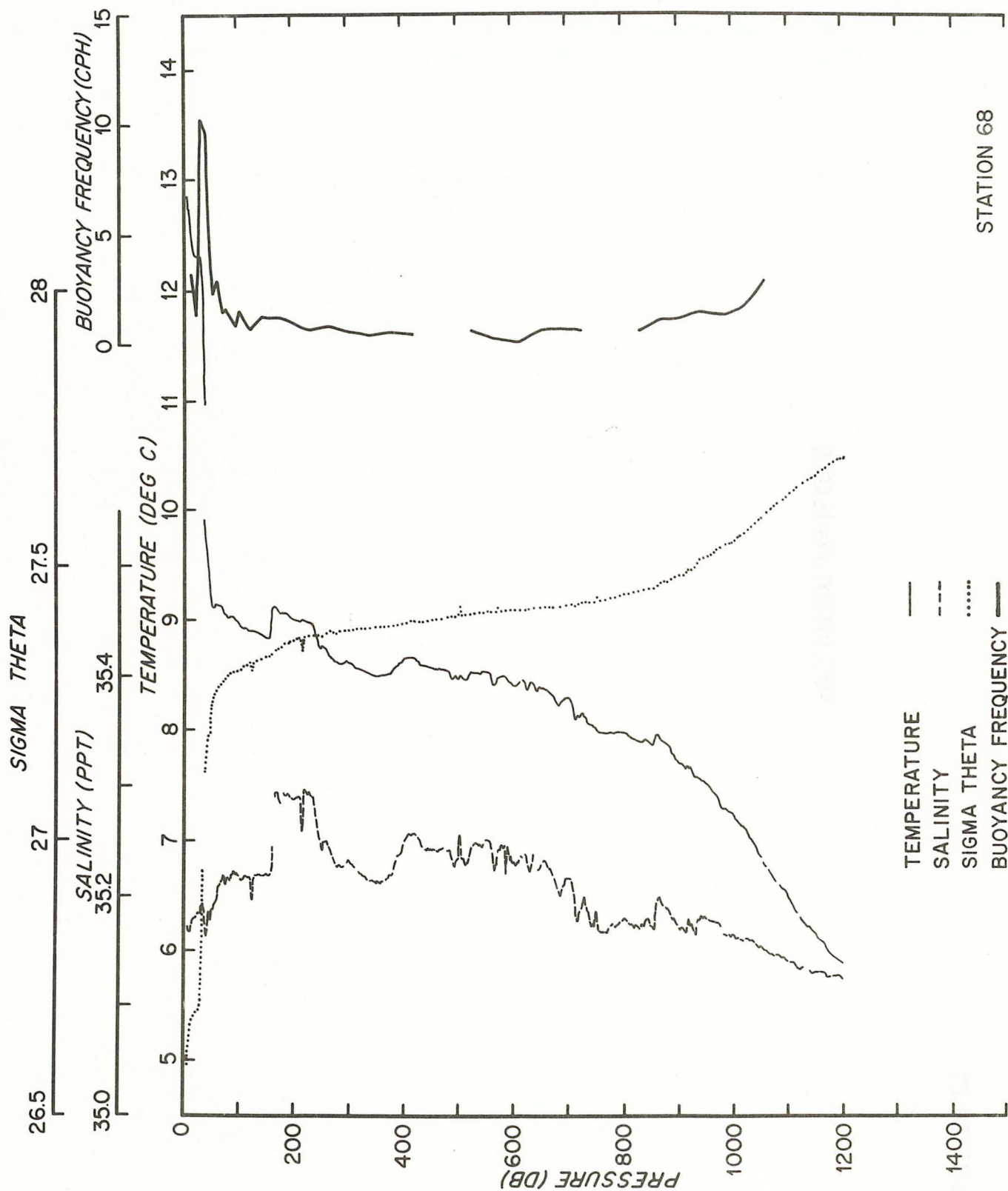
STATION 67

TEMPERATURE (deg C)	SALINITY (ppt)	CONDUCTIVITY (mmhos/cm)	POT. TEMP. (deg C)	SIGMA THETA (gm/m ³)	AVERAGED PRESSURE (dbar)	BUOYANCY (gph)
21.0	35.11	0.450	12.345	26.648	3.357	
12.3516	35.11	0.450	12.345	26.648	22.000	
12.3285	35.15	0.472	12.325	26.655	27.417	3.777
31.8	12.1746	35.157	10.340	12.170	26.695	2.154
35.5	12.1356	35.162	40.310	10.340	26.706	35.650
48.2	10.6898	35.118	38.912	10.684	26.965	45.833
55.3	9.8589	35.109	38.114	9.852	27.158	52.250
65.0	9.4341	35.250	37.755	9.427	27.229	60.650
73.4	9.5474	35.251	37.718	9.539	27.253	3.036
81.3	9.2439	35.232	37.634	9.235	27.279	7.333
89.4	9.1569	35.229	37.553	9.147	27.291	85.333
97.7	9.0824	35.231	37.488	9.072	27.305	95.517
106.3	8.9915	35.219	37.357	8.980	27.316	2.316
114.2	8.9305	35.220	37.331	8.918	27.320	2.088
122.8	9.0753	35.254	37.552	9.062	27.332	1.276
131.6	8.8882	35.249	37.348	8.871	27.350	2.053
139.5	8.5768	35.203	37.027	8.557	27.364	1.375
147.3	8.8008	35.210	37.332	8.777	27.379	1.192
155.6	8.5942	35.225	37.227	8.580	27.389	1.217
163.9	8.5686	35.247	37.182	8.548	27.395	0.338
172.2	8.5158	35.247	37.114	8.466	27.408	0.776
180.5	8.5059	35.248	37.112	8.454	27.410	0.675
188.8	8.5293	35.223	36.994	8.526	27.399	0.446
197.1	8.5297	35.221	36.995	8.501	27.404	0.521
205.4	8.3099	35.218	36.976	8.422	27.421	0.302
213.7	8.2218	35.213	36.933	8.308	27.422	0.587
222.0	8.1443	35.207	36.870	8.147	27.427	0.555
230.3	8.0713	35.200	36.810	8.066	27.434	0.445
238.6	8.0199	35.200	36.777	7.989	27.439	0.770
246.9	7.9327	35.194	36.704	7.935	27.448	0.834
255.2	7.8793	35.194	36.670	7.844	27.455	0.943
263.5	7.7653	35.190	36.574	7.787	27.464	0.954
271.8	7.6508	35.179	36.398	7.670	27.477	0.985
280.1	7.5383	35.175	36.240	7.473	27.498	1.015
288.4	7.4151	35.163	36.018	7.288	27.521	1.024
296.7	7.3108	35.144	35.909	7.043	27.547	1.076
305.0	7.2107	35.133	35.711	6.906	27.567	1.088
313.3	7.1117	35.122	35.420	6.684	27.589	1.065
321.6	7.0108	35.113	35.211	6.363	27.623	1.031
329.9	6.9107	35.102	35.045	6.008	27.657	1.068
338.2	6.8106	35.125	35.094	5.649	27.670	1.057
346.5	6.7105	35.116	34.957	5.289	27.672	1.265



STATION 68

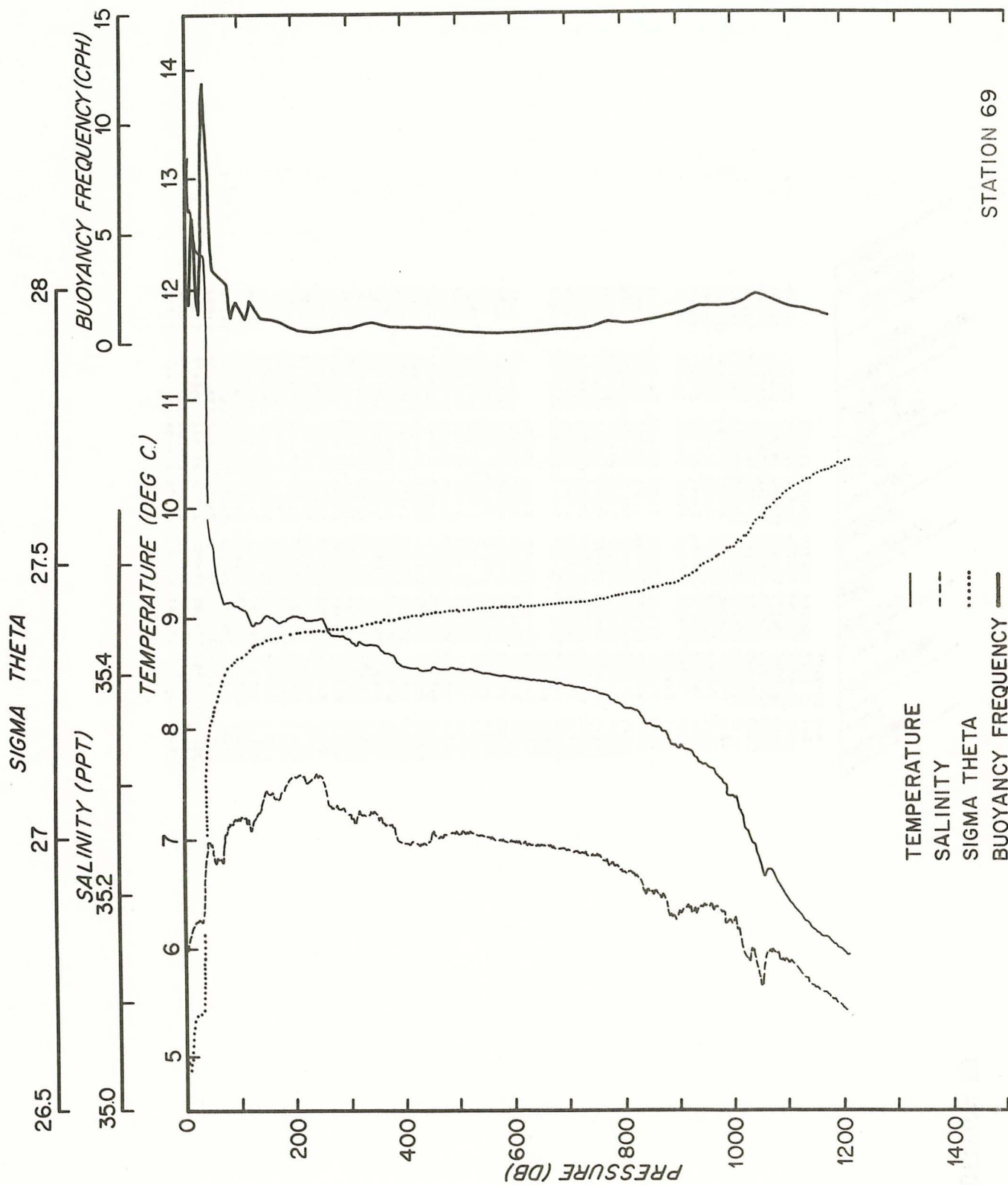
TEMPERATURE (deg C)	SALINITY (ppt)	CONDUCTIVITY (mmho/cm)	POT. TEMP. (deg C)	SIGMA THETA (gm/m ³)	AVERAGED PRESSURE (dbar)	BUOYANCY (gph)
12.8597	35.17	40.618	12.451	26.653	18.267	3.311
13.6	35.181	40.502	12.318	26.686	26.600	1.331
22.9	35.183	40.492	12.301	26.689	34.083	10.320
30.3	35.180	39.183	10.941	26.944	42.033	9.737
37.9	35.144	38.186	9.539	27.193	49.867	5.462
46.2	35.190	37.493	9.144	27.261	57.367	2.288
53.5	35.149	37.207	9.148	27.274	63.867	2.967
61.2	35.207	37.517	9.123	27.289	71.950	1.558
66.5	35.221	37.510	9.048	27.297	81.483	1.700
77.4	35.216	37.440	9.022	27.304	89.500	1.298
85.6	35.220	37.423	9.003	27.308	97.317	.849
93.4	35.221	37.412	8.967	27.310	105.083	1.636
101.2	35.216	37.377	8.923	27.316	113.250	1.099
108.9	35.215	37.338	8.806	27.319	121.917	.761
117.6	35.216	37.329	8.893	27.321	146.400	1.369
126.3	35.215	37.320	8.991	27.363	186.017	1.263
166.5	35.292	37.619	8.774	27.368	225.817	.748
205.5	35.289	37.518	8.569	27.378	267.467	.935
246.1	35.255	37.311	8.511	27.383	306.353	.720
288.8	35.227	37.115	8.444	27.385	343.183	.501
327.0	35.222	37.175	8.601	27.390	382.250	.614
362.4	35.214	37.036	8.834	27.393	421.417	.576
402.1	35.251	37.231	8.396	27.404	531.517	.707
440.7	35.242	37.181	8.464	27.410	570.460	.238
477.8	35.438		8.413	27.410	614.100	.226
514.4	35.230	37.079	8.347	27.409	655.317	.792
548.6	35.252	37.183	8.240	27.415	693.117	.856
592.3	35.243	37.150	7.952	27.425	729.350	.787
635.9	35.223	37.059	7.833	27.443	835.333	.799
674.7	35.216	37.006	7.773	27.448	871.850	1.275
711.5	35.203	36.910	7.677	27.465	908.133	1.324
747.2	35.173	36.735	7.562	27.482	946.200	1.659
781.7	35.175	36.662	7.365	27.512	985.667	1.545
817.0	35.171	36.622	7.115	27.536	1024.30	1.892
853.8	35.179	36.577	6.825	27.572	1062.28	3.089
889.9	35.175	36.577	6.448	27.677	1082.28	
926.3	35.175	36.467	5.981	27.667	1005.65	.780
966.1	35.177	36.306	5.789	27.686	1181.57	1.487
1005.3	35.162	36.079				
1043.3	35.156	35.823				
1081.2	35.152	35.554				
1163.6	35.133	35.082				
1199.6	35.127	34.917				



STATION 68

STATION 69

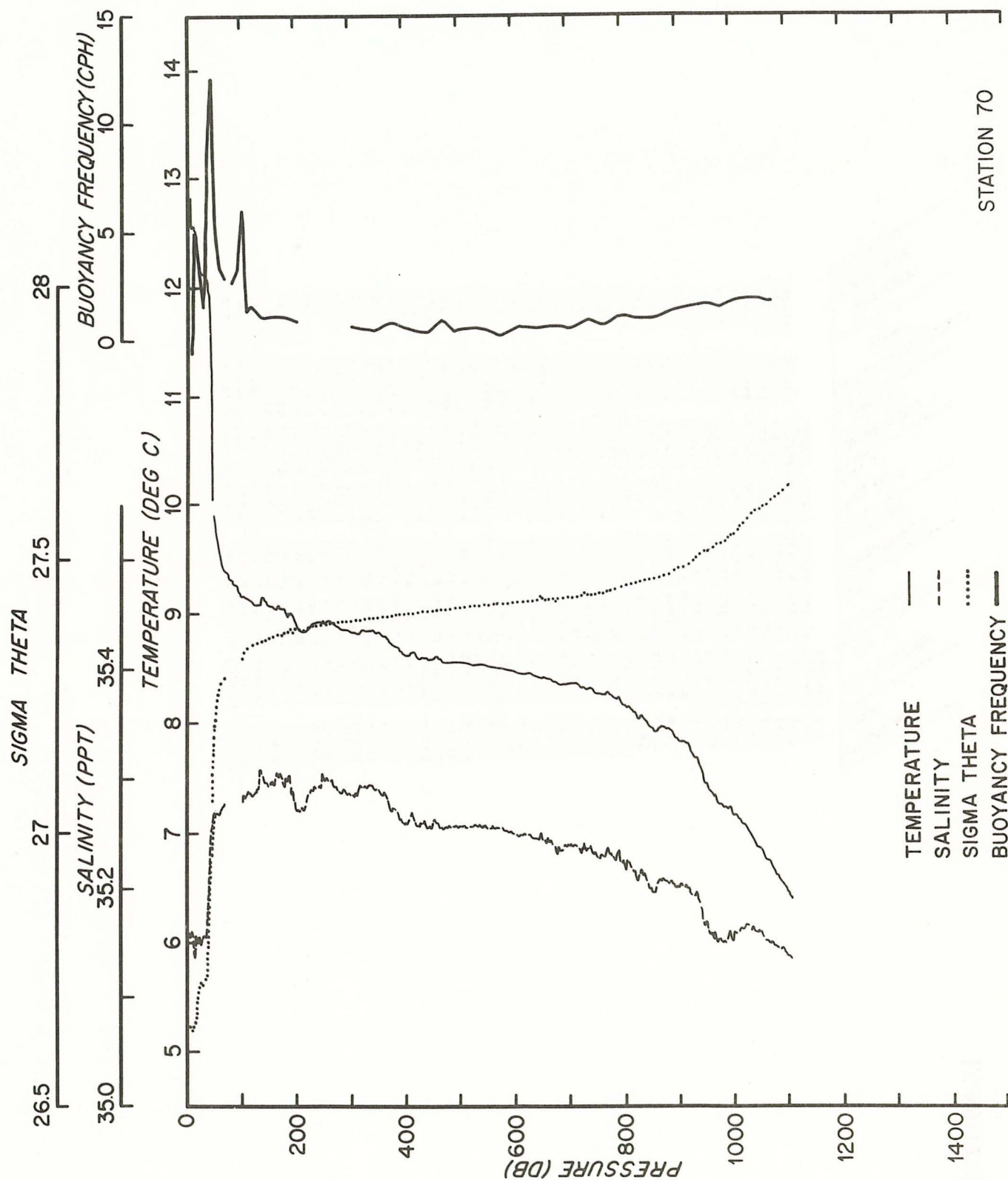
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STATION 69

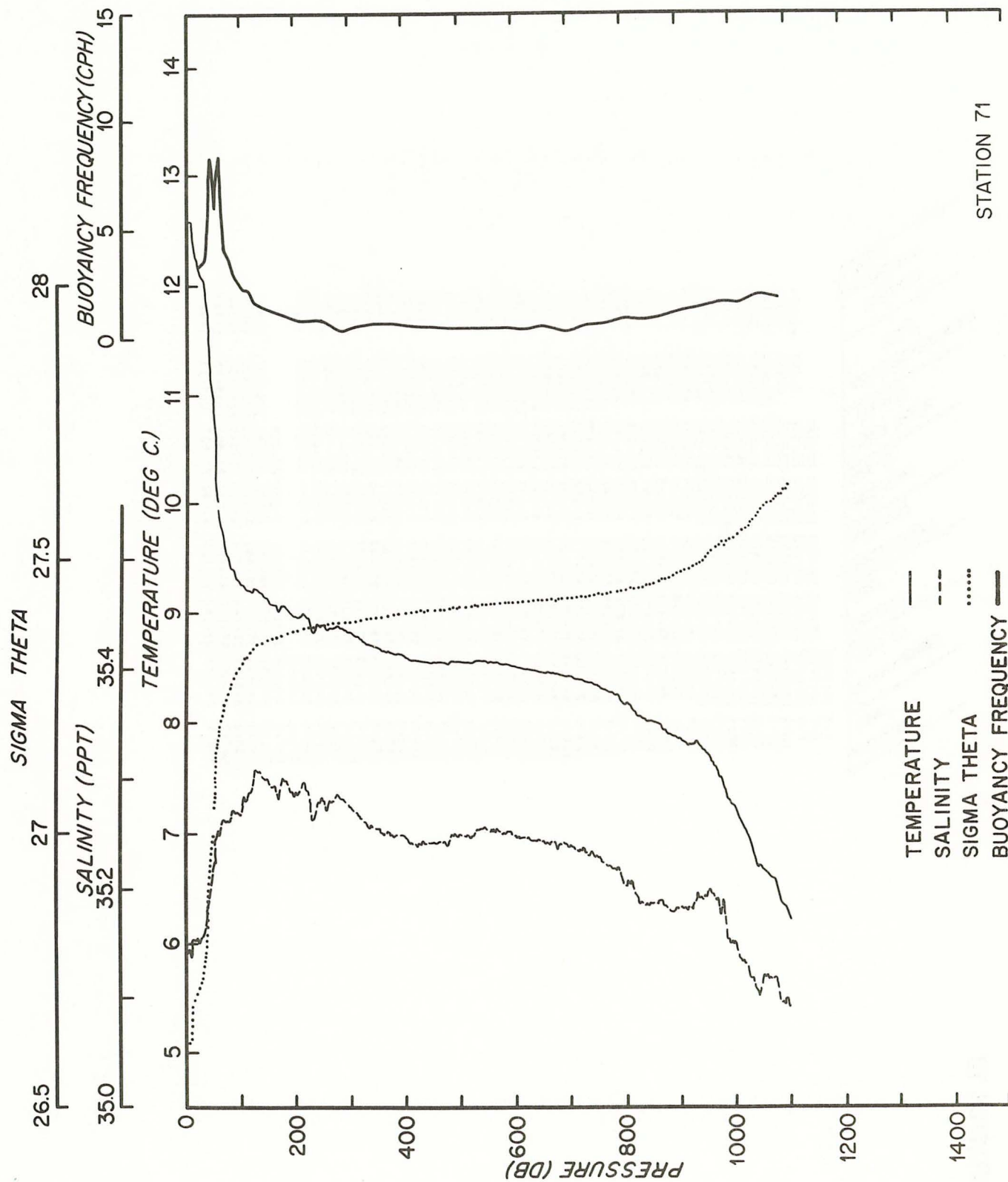
STATION 70

PRESSURE (dbar)	TEMPERATURE (deg C)	SALINITY (ppt)	CONDUCTIVITY (mmho/cm)	POT. TEMP. (deg C)	SIGMA THETA (gm/m ³)	AVERAGED PRESSURE (dbar)	BUOYANCY FREQUENCY (cpb)
13.997	8.7	35.164	12.568	26.622	10.167	..74	..74
12.595	8.7	35.159	12.552	26.622	10.167	..74	..74
11.6	12.595	35.159	12.552	26.622	10.167	..74	..74
18.9	12.559	35.157	12.553	26.679	15.250	3.113	3.113
26.8	12.1252	35.156	12.122	26.70	22.833	1.008	1.008
34.3	12.066	35.156	12.064	26.709	30.550	7.327	7.327
41.7	11.481	35.182	11.543	26.83	38.000	12.153	12.153
49.2	9.074	35.255	9.902	27.15	45.467	4.986	4.986
57.2	9.084	35.269	9.904	27.217	53.217	3.267	3.267
65.0	9.4479	35.268	9.441	27.223	61.117	2.832	2.832
73.5	9.3749	35.280	9.367	27.224	69.283	2.832	2.832
81.3	9.3145	35.162	9.258	27.220	85.333	2.735	2.735
89.3	9.679	35.179	9.171	27.228	93.433	3.239	3.239
97.5	9.1814	35.179	9.152	27.339	101.300	5.925	5.925
105.1	9.1633	35.284	9.125	27.337	108.867	1.322	1.322
112.7	9.1374	35.284	9.088	27.343	116.767	1.579	1.579
120.9	9.1013	35.284	9.060	27.345	137.250	1.088	1.088
153.6	9.0764	35.293	9.060	27.345	170.300	1.098	1.098
187.0	9.0109	35.295	8.990	27.366	203.750	..85	..85
220.5	8.668	35.274	8.843	27.373	203.750	..85	..85
255.3	8.443	35.288	8.833	27.384	203.750	..85	..85
291.0	8.684	35.288	8.833	27.384	203.750	..85	..85
325.9	8.553	35.291	8.820	27.386	203.750	..85	..85
359.6	8.062	35.283	8.767	27.390	203.750	..85	..85
392.9	8.603	35.261	8.618	27.396	203.750	..85	..85
426.6	8.023	35.253	8.556	27.399	203.750	..85	..85
459	8.163	35.258	8.567	27.400	203.750	..85	..85
482.9	8.564	35.255	8.514	27.406	203.750	..85	..85
500.2	8.552	35.255	8.505	27.407	203.750	..85	..85
530.8	8.434	35.255	8.486	27.410	203.750	..85	..85
561.0	8.244	35.254	8.444	27.412	203.750	..85	..85
591.1	8.939	35.247	8.430	27.411	203.750	..85	..85
623.3	8.678	35.247	8.401	27.415	203.750	..85	..85
656.0	8.253	35.241	8.355	27.417	203.750	..85	..85
687.5	8.3601	35.231	8.286	27.420	203.750	..85	..85
718.6	8.552	35.233	8.278	27.422	203.750	..85	..85
748.9	8.2778	35.227	8.198	27.428	203.750	..85	..85
779.8	8.468	35.226	8.163	27.433	203.750	..85	..85
811.1	8.492	35.220	8.083	27.437	203.750	..85	..85
840.8	8.028	35.205	7.941	27.450	203.750	..85	..85
872.2	7.9723	35.205	7.880	27.458	203.750	..85	..85
901.8	7.8449	35.197	7.750	27.471	203.750	..85	..85
932.1	7.7038	35.193	7.607	27.489	203.750	..85	..85
962.8	7.3721	35.155	7.274	27.508	203.750	..85	..85
993.8	7.527	35.158	7.152	27.527	203.750	..85	..85
1023.7	7.0789	35.162	6.976	27.555	203.750	..85	..85
1054.6	6.8278	35.153	6.714	27.583	203.750	..85	..85
1086.1	6.5797	35.141	6.475	27.608	203.750	..85	..85



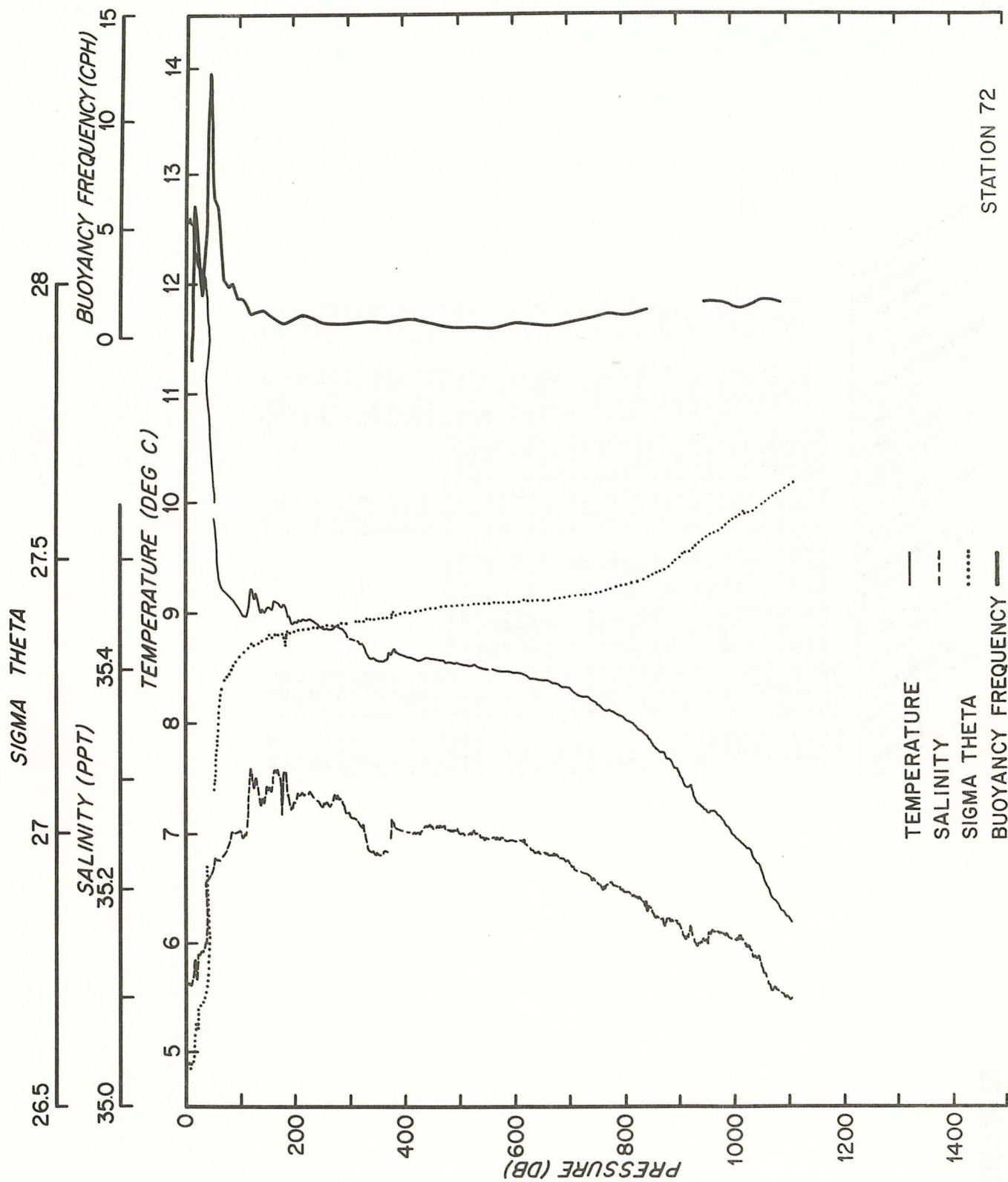
STATION 71

PRESSURE (dbar)	TEMPERATURE (deg C)	SALINITY (ppt)	CONDUCTIVITY (mmho/cm)	POT. TEMP. (deg C)	SIGMA THETA (gm/m ³)	AVERAGED PRESSURE (dbar)	BUOYANCY FREQUENCY (cpH)
13.4521	12.572	35.146	40.706	12.575	26.607	10.167	3.0055
12.5762	12.5657	35.129	40.680	12.568	26.657	10.167	3.0055
12.0	12.320	35.155	40.482	12.330	26.662	13.067	13.039
11.1	12.320	35.154	40.357	12.158	26.687	17.817	3.258
21.5	12.010	35.154	40.233	12.053	26.715	25.317	3.409
29.1	12.066	35.156	40.233	12.053	26.715	25.317	3.409
36.3	11.305	35.160	40.109	11.926	26.744	32.683	3.550
43.9	11.340	35.192	39.936	11.899	26.807	40.100	3.828
50.6	10.958	35.196	39.062	10.970	26.983	47.267	6.025
58.7	10.0179	35.249	38.375	10.011	27.162	54.633	8.383
68.9	9.7550	35.262	38.142	9.747	27.317	63.767	4.117
78.6	9.188	35.264	37.924	9.510	27.358	73.750	3.644
87.9	9.085	35.270	37.829	9.339	27.381	83.250	2.843
96.3	9.140	35.270	37.74	9.302	27.37	92.083	2.477
104.7	9.559	35.275	37.701	9.248	27.310	100.483	2.221
113.0	9.110	35.281	37.665	9.139	27.323	108.850	2.216
121.9	9.109	35.292	37.679	9.137	27.331	117.483	1.761
156.8	9.014	35.293	37.573	9.064	27.353	139.367	1.429
192.3	9.049	35.291	37.515	9.044	27.364	174.533	1.044
228.1	8.9250	35.284	37.449	8.900	27.371	210.200	.843
263.8	8.633	35.280	37.403	8.736	27.379	245.567	.856
300.6	8.6284	35.275	37.382	8.736	27.380	282.217	.430
338.6	8.7077	35.257	37.267	8.671	27.385	318.233	.761
371.6	8.4883	35.253	37.223	8.608	27.391	353.700	.87
401.6	8.5208	35.244	37.189	8.539	27.395	389.583	.663
440.0	8.5508	35.243	37.159	8.503	27.399	425.800	.631
480.5	8.5552	35.247	37.179	8.542	27.401	462.250	.550
518.3	8.5479	35.249	37.190	8.542	27.404	498.400	.582
558.2	8.5488	35.253	37.210	8.489	27.407	534.267	.556
585.5	8.5242	35.252	37.203	8.461	27.410	570.867	.695
621.9	8.4821	35.246	37.174	8.441	27.412	608.700	.438
661.7	8.442	35.244	37.154	8.372	27.417	647.300	.639
703.8	8.4159	35.240	37.139	8.340	27.417	685.250	.333
740.0	8.3673	35.234	37.104	8.288	27.421	721.917	.636
778.9	8.2728	35.221	37.018	8.190	27.425	757.983	.744
811.9	8.1525	35.208	36.910	8.066	27.434	793.900	1.015
847.2	8.0048	35.189	36.789	7.915	27.441	829.517	.973
882.8	7.8908	35.180	36.670	7.798	27.451	864.983	1.093
911.7	7.7937	35.185	36.559	7.638	27.469	900.233	1.322
952.7	7.7158	35.201	36.556	7.616	27.493	935.183	1.535
988.4	7.3057	35.156	36.119	7.205	27.518	970.533	1.744
1024.1	6.9899	35.130	35.848	6.888	27.543	100.23	1.681
1061.2	6.6257	35.120	35.519	6.523	27.585	104.65	2.096
1096.8	6.2772	35.101	35.117	6.174	27.617	107.98	1.908



STATION 72

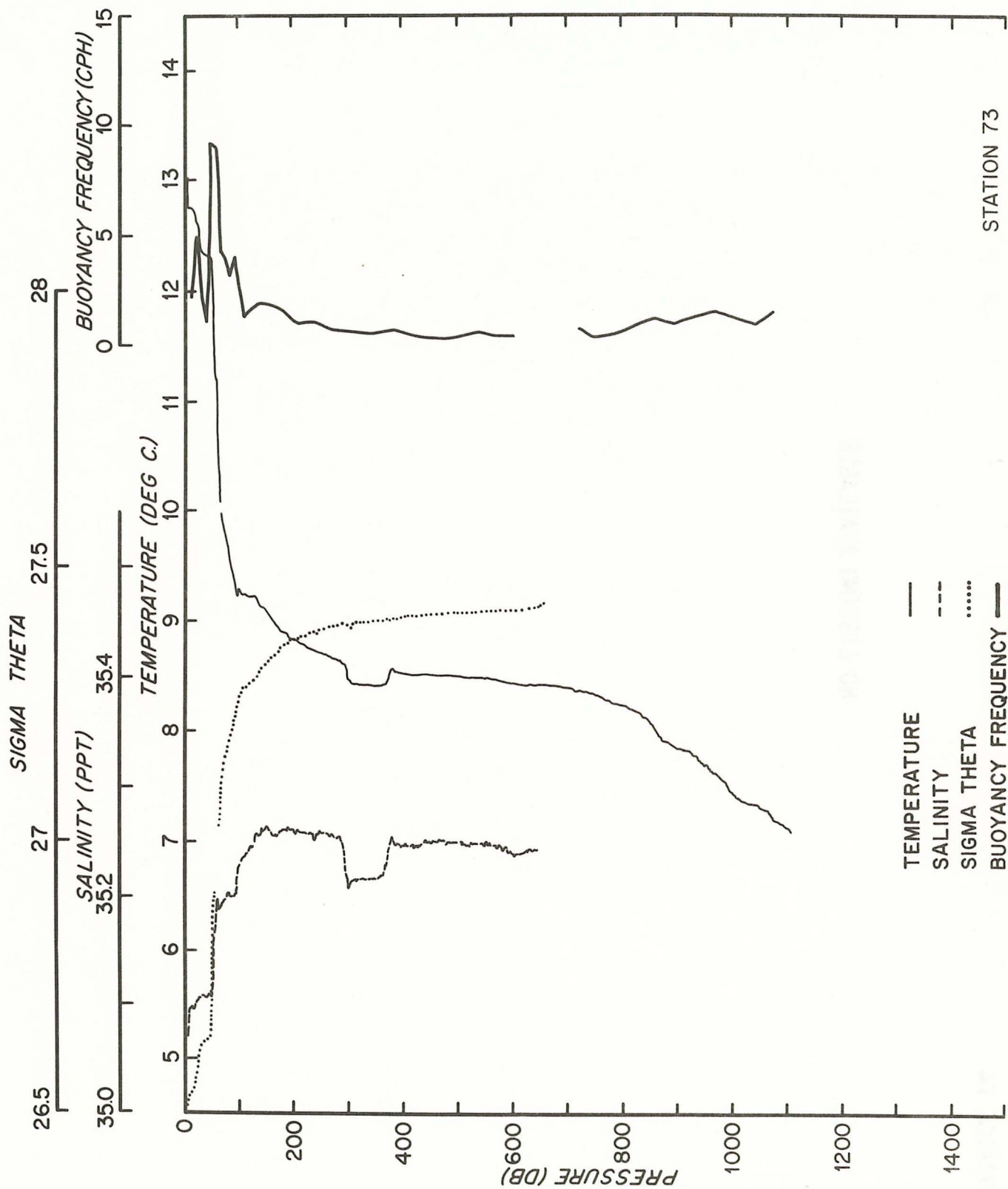
PRESSURE (dbar)	TEMPERATURE (deg C)	SALINITY (ppt)	CONDUCTIVITY (mmho/cm)	POT. TEMP. (deg C)	SIGMA THETA (gm/m ³)	AVERAGED PRESSURE (dbar)	BUOYANCY FREQUENCY (cpH)
4.3	13.3882	35.116	40.672	12.574	26.588	7.167	0.1974
5.7	12.5746	35.112	40.672	12.576	26.581	9.383	2.968
8.6	12.5772	35.115	40.670	12.569	26.585	12.133	1.130
10.1	12.5706	35.113	40.669	12.568	26.583	17.267	3.080
14.1	12.5701	35.135	40.617	12.581	26.656	24.050	3.694
20.4	12.2832	35.141	40.624	12.143	26.688	31.383	1.864
27.7	12.1466	35.145	40.627	12.117	26.696	38.617	4.539
35.1	12.1217	35.162	40.635	11.947	26.742	45.650	12.292
42.2	11.9525	35.125	38.671	10.363	27.074	53.017	5.479
49.1	10.3690	35.215	38.671	9.824	27.176	60.983	2.734
56.9	9.8330	35.226	38.674	9.288	27.267	68.883	2.319
65.1	9.2985	35.258	37.671	9.203	27.285	76.883	2.516
72.7	9.2110	35.233	37.600	9.167	27.299	85.417	1.810
81.1	9.1758	35.243	37.580	9.055	27.316	93.833	1.725
89.8	9.1124	35.252	37.533	8.986	27.324	101.850	1.016
97.9	9.0657	35.253	37.483	8.925	27.327	254.700	0.882
105.8	8.9973	35.258	37.428	8.844	27.379	292.283	0.856
114.5	8.9526	35.257	37.356	8.725	27.383	328.433	0.757
123.0	9.2320	35.311	37.718	8.551	27.386	365.033	0.695
138.1	9.0448	35.232	37.538	8.632	27.393	407.667	0.688
156.6	8.9263	35.273	37.425	8.530	27.403	449.417	0.595
235.4	8.9229	35.238	37.454	8.397	27.375	488.000	0.60
274.0	8.8734	35.224	37.420	8.445	27.411	520.300	0.82
310.6	8.7550	35.285	37.511	8.420	27.412	556.117	0.705
346.3	8.5878	35.236	37.139	8.393	27.416	592.067	0.663
383.8	8.6738	35.261	37.280	8.317	27.418	627.783	0.625
431.6	8.5763	35.253	37.183	8.268	27.420	663.867	0.524
467.3	8.5681	35.258	37.195	8.178	27.424	699.650	0.745
502.7	8.5298	35.252	37.169	8.081	27.431	734.550	0.648
537.9	8.5028	35.248	37.156	7.994	27.441	768.850	1.064
574.4	8.4819	35.245	37.150	7.878	27.450	803.400	1.047
609.8	8.4588	35.246	37.144	7.678	27.465	838.817	1.277
645.8	8.3867	35.235	37.082	7.333	27.514	944.767	1.626
681.9	8.3414	35.228	37.049	6.883	27.563	975.333	1.538
717.4	8.2545	35.217	36.972	6.717	27.579	1014.55	1.348
751.7	8.1614	35.206	36.890	6.307	27.604	1049.95	1.783
786.0	8.0777	35.203	36.824	6.082	27.627	1085.13	1.624
820.8	7.9543	35.153	36.724				
856.8	7.7672	35.174	36.537				
876.2	7.5852	35.155	36.141				
927.8	7.3266	35.133	36.040				
961.7	7.1941	35.134	35.552				
996.9	6.9823	35.134	35.552				
1035.2	6.8186	35.146	35.706				
1067.7	6.44091	35.107	35.411				
1102.5	6.1856	35.099	35.113				



STATION 72

STATION 73

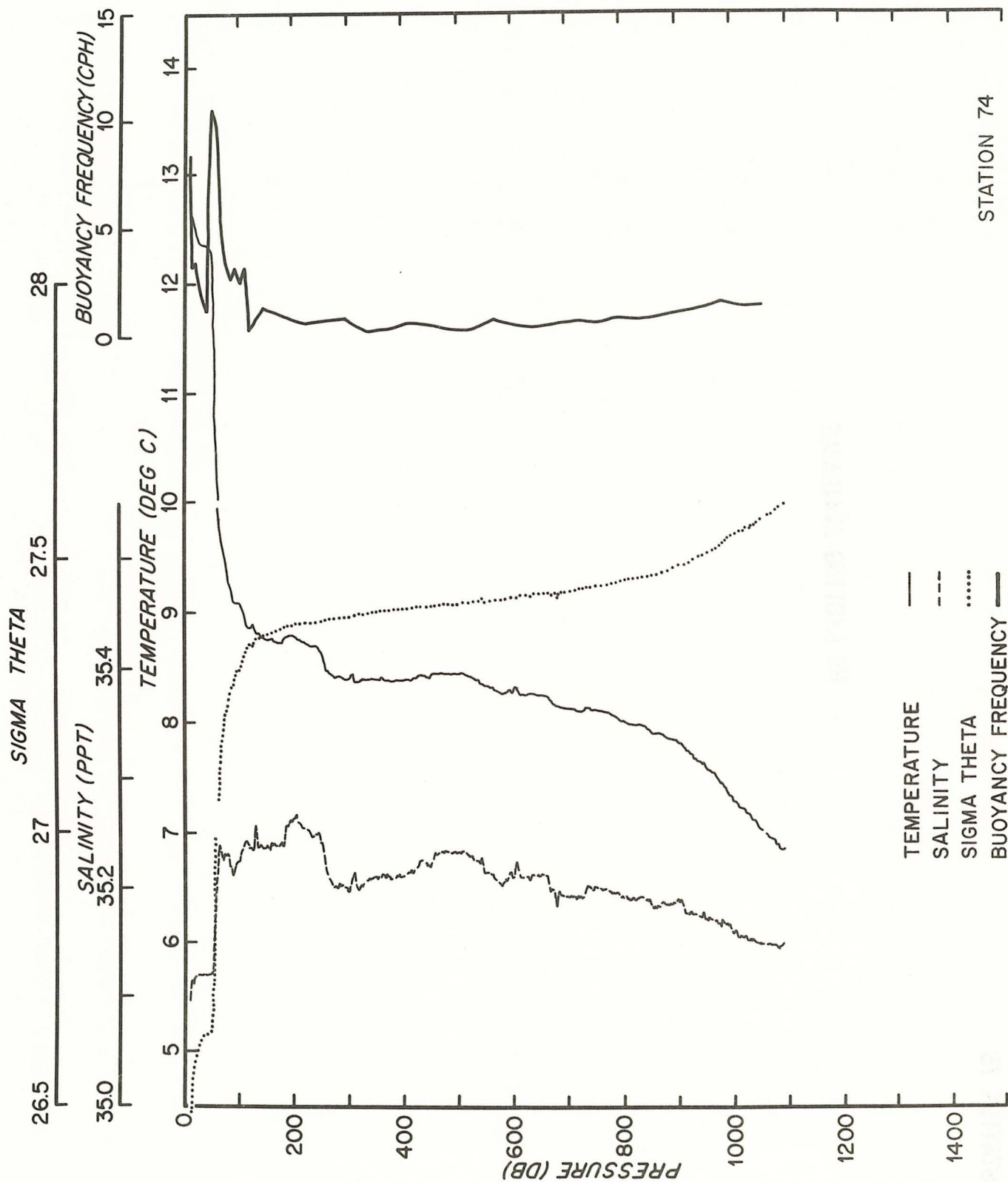
PRESSURE (dbar)	TEMPERATURE (deg C)	SALINITY (ppt)	CONDUCTIVITY (mmho/cm)	POT. TEMP. (deg C)	SIGMA THETA (gm/m ³)	AVERAGED PRESSURE (dbar)	BUOYANCY FREQUENCY (cpH)
5.9	13.2752	35.099	40.817	12.737	26.539		
11.8	12.7390	35.102	40.767	12.677	26.553	16.417	2.224
21.0	12.6797	35.108	40.767	12.677	26.553	25.033	5.030
29.0	12.3796	35.108	40.767	12.376	26.617	33.683	2.243
38.3	12.3077	35.109	40.767	12.303	26.631	42.867	1.174
47.4	12.2903	35.109	40.767	12.284	26.635	52.150	9.230
56.9	11.1771	35.166	39.400	11.170	26.890	61.167	9.030
65.4	10.0528	35.189	38.353	10.045	27.109	69.317	4.392
73.2	9.8050	35.196	38.131	9.801	27.156	77.283	3.967
81.4	9.6039	35.203	37.947	9.599	27.196	85.217	3.154
89.7	9.4353	35.200	37.788	9.425	27.222	93.900	4.061
98.1	9.2730	35.221	37.659	9.262	27.266	102.183	2.447
106.2	9.2469	35.235	37.651	9.235	27.281	110.300	1.328
114.4	9.2399	35.239	37.652	9.227	27.285	118.667	1.631
123.0	9.2429	35.245	37.648	9.211	27.292	127.000	1.589
131.3	8.8559	35.260	37.504	9.025	27.334	135.917	1.741
140.5	8.7617	35.264	37.358	8.845	27.365	144.100	1.052
149.6	8.6928	35.258	37.221	8.737	27.377	152.950	1.045
158.8	8.6449	35.217	36.983	8.665	27.388	161.713	0.681
168.1	8.4924	35.215	36.965	8.433	27.392	170.500	0.582
177.4	8.4723	35.228	37.034	8.394	27.396	179.250	0.756
186.6	8.5256	35.247	37.118	8.433	27.400	188.000	0.512
195.8	8.5154	35.250	37.137	8.482	27.406	196.717	0.348
205.0	8.4992	35.249	37.142	8.478	27.409	205.400	0.416
214.2	8.4817	35.247	37.141	8.464	27.409	214.100	0.657
223.4	8.4674	35.251	37.153	8.444	27.410	222.600	0.453
232.6	8.4373	35.243	37.127	8.433	27.411	231.300	0.457
241.8	8.4333	35.243	37.127	8.394	27.416	240.000	0.457
251.0	8.4105	35.243	37.127	8.362	27.417	248.713	0.905
260.2	8.3754	35.243	37.127	8.336	27.417	257.400	0.408
269.4	8.3014	35.243	37.127	8.297	27.417	266.100	0.542
278.6	8.2438	35.243	37.127	8.219	27.417	274.800	0.939
287.8	8.1376	35.243	37.127	8.158	27.417	283.500	1.283
297.0	7.9823	35.243	37.127	8.048	27.417	292.200	1.025
306.2	7.8502	35.243	37.127	7.837	27.417	300.900	1.348
315.4	7.7011	35.243	37.127	7.755	27.417	309.600	1.544
324.6	7.5577	35.243	37.127	7.603	27.417	318.300	1.294
333.8	7.3693	35.243	37.127	7.456	27.417	327.000	0.963
343.0	7.3022	35.243	37.127	7.265	27.417	335.700	1.072
352.2	7.1557	35.243	37.127	7.196	27.417	344.400	1.604



STATION 73

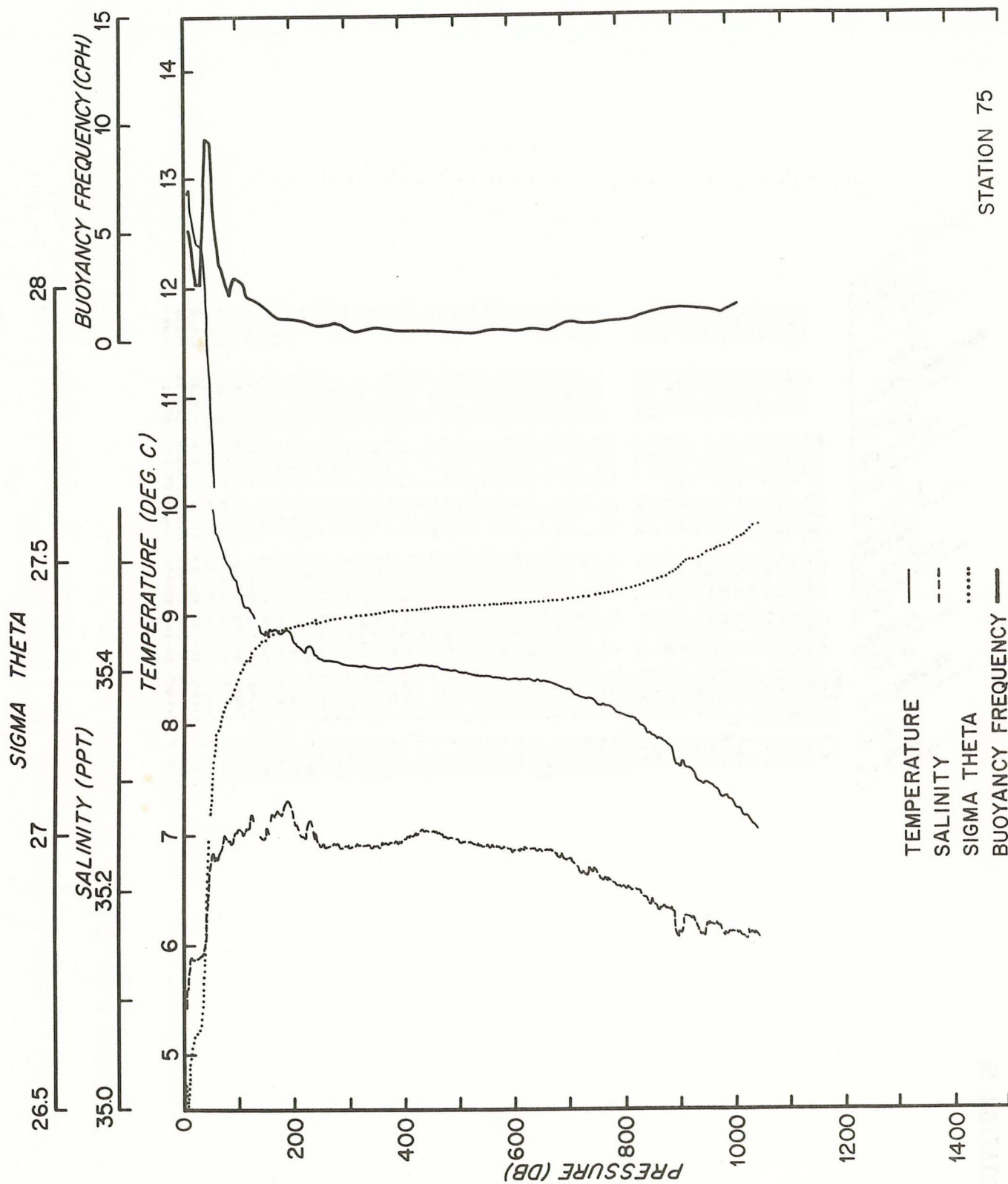
STATION 74

NO LISTING AVAILABLE



STATION 75

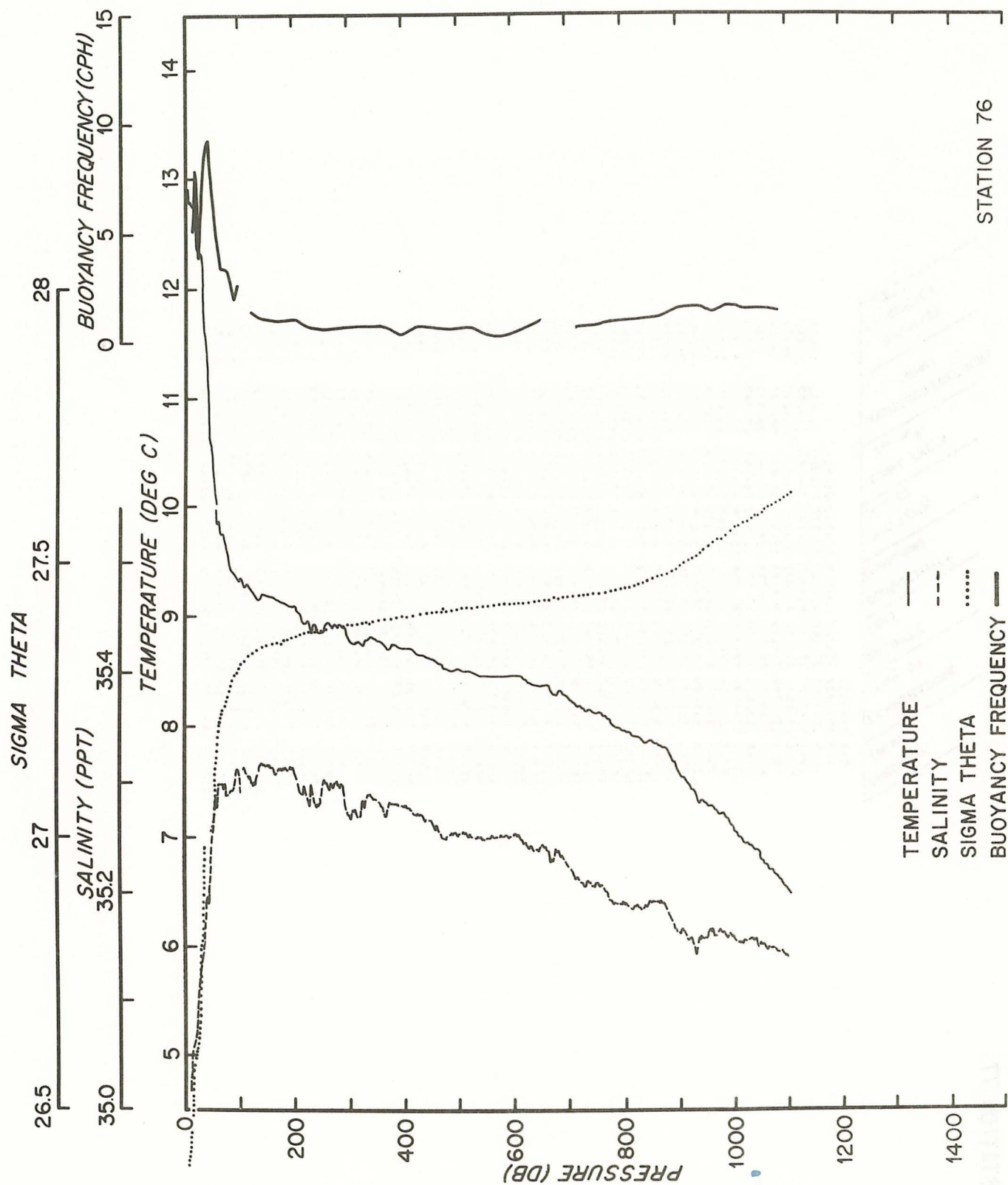
NO LISTING AVAILABLE



STATION 75

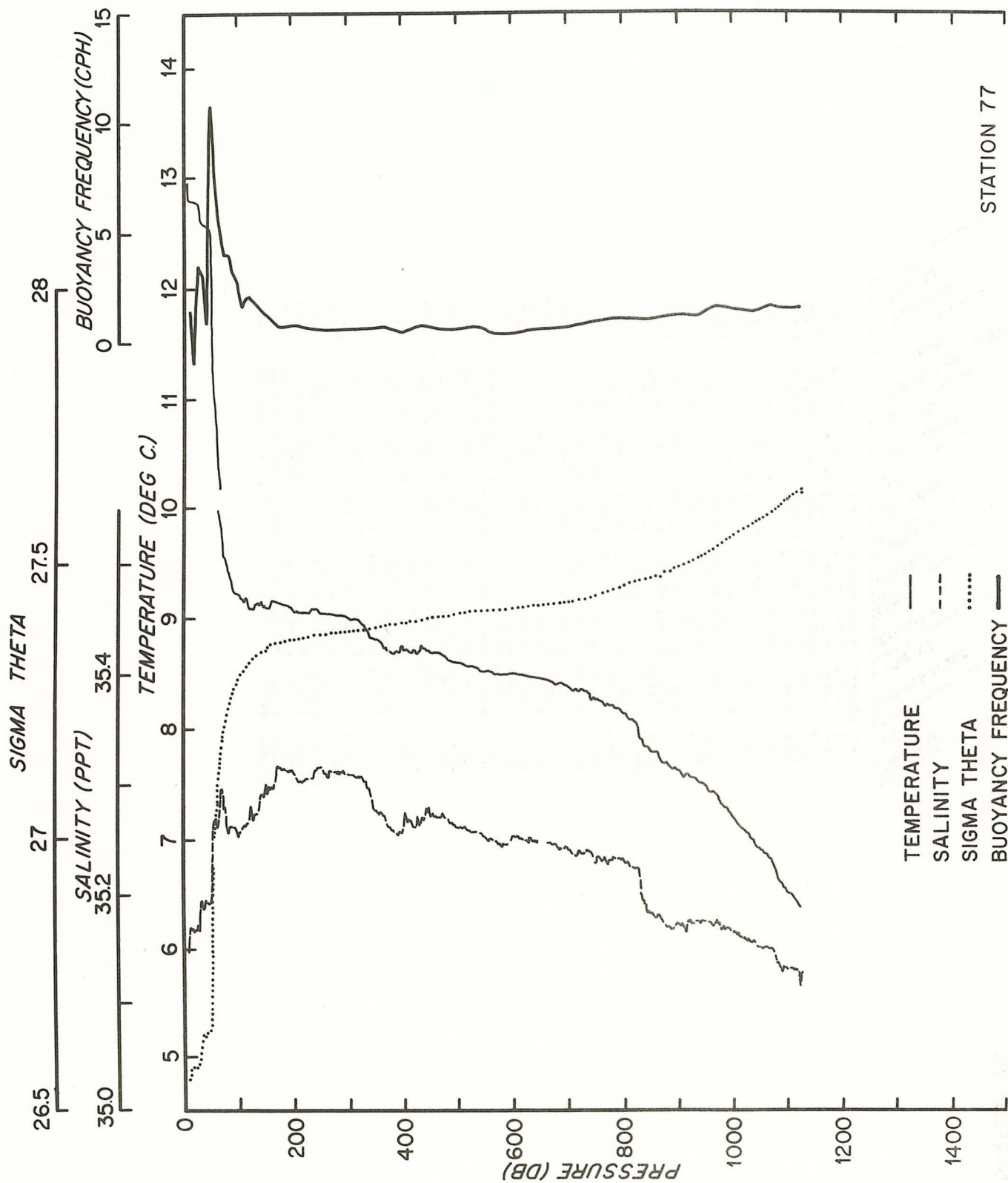
STATION 76

TEMPERATURE (deg C)	SALINITY (ppt)	CONDUCTIVITY (mmho/cm)	POT. TEMP. (deg C)	SIGMA THETA (gm/m ³)	AVERAGED PRESSURE (dbar)	BUOYANCY FREQUENCY (cpH)
13.7357	34.954	40.687	12.761	26.422	10.017	5.261
8.3	12.7820	34.954	40.687	12.761	26.422	5.261
11.7	12.7551	34.950	40.719	12.754	26.451	5.255
15.1	12.7565	35.028	40.762	12.754	26.481	7.938
20.2	12.3834	35.060	40.417	12.361	26.583	3.909
27.5	12.3302	35.097	40.426	12.327	26.618	8.420
35.6	11.5876	35.143	39.741	11.563	26.799	9.339
43.4	10.5830	35.188	38.847	10.578	27.015	7.240
51.3	10.0259	35.229	38.360	10.020	27.145	7.240
59.3	9.8729	35.284	38.271	9.866	27.214	5.224
66.8	9.7639	35.296	38.183	9.756	27.242	3.478
74.9	9.5775	35.294	38.007	9.569	27.272	3.439
82.5	9.4109	35.288	37.846	9.402	27.295	3.091
90.3	9.3599	35.290	37.804	9.350	27.305	2.070
98.2	9.3527	35.311	37.820	9.342	27.322	2.639
105.7	9.2735					
113.8	9.2709	35.308	37.747	9.258	27.334	1.491
121.4	9.2077	35.301	37.685	9.194	27.339	1.207
151.9	9.1868	35.314	37.691	9.170	27.352	1.598
183.4	9.1049	35.309	37.622	9.085	27.362	1.122
215.0	8.9315	35.287	37.452	8.908	27.373	0.719
247.2	8.8673	35.279	37.399	8.841	27.377	0.731
278.7	8.9373	35.300	37.498	8.907	27.382	0.701
310.0	8.7715	35.271	37.328	8.738	27.386	0.731
341.8	8.8018	35.284	37.384	8.765	27.392	0.792
373.9	8.7714	35.280	37.337	8.701	27.398	0.835
405.7	8.7129	35.275	37.320	8.669	27.398	0.889
440.8	8.6223	35.264	37.240	8.575	27.404	0.827
472.2	8.5178	35.248	37.140	8.467	27.408	0.721
503.3	8.5036	35.251	37.144	8.450	27.412	0.716
534.6	8.4667	35.249	37.121	8.409	27.417	0.745
566.4	8.4583	35.248	37.127	8.397	27.418	0.745
598.4	8.4581	35.249	37.142	8.394	27.418	0.745
630.6	8.3838	35.238	37.076	8.316	27.421	0.671
662.7	8.3100	35.237	37.019	8.239	27.432	0.671
694.0	8.2552	35.226	36.980	8.191	27.430	0.671
725.2	8.1399	35.205	36.857	8.063	27.433	0.671
756.7	8.1054	35.205	36.843	8.029	27.438	0.786
788.2	7.9759	35.188	36.716	7.893	27.445	0.991
819.2	7.9078	35.186	36.664	7.822	27.454	1.032
848.9	7.8548	35.189	36.630	7.766	27.464	1.110
879.9	7.7217	35.178	36.510	7.630	27.475	1.212
910.9	7.4837	35.160	36.284	7.391	27.495	1.616
942.0	7.3057	35.158	36.134	7.214	27.519	1.671
972.8	7.2225	35.164	36.073	7.125	27.536	1.426
1002.6	7.0057	35.154	35.876	6.906	27.560	1.733
1032.2	6.8941	35.158	35.789	6.792	27.574	1.509
1061.6	6.7193	35.150	35.633	6.616	27.596	1.558
1090.7	6.5607	35.143	35.492	6.455	27.612	1.482



STATION 77

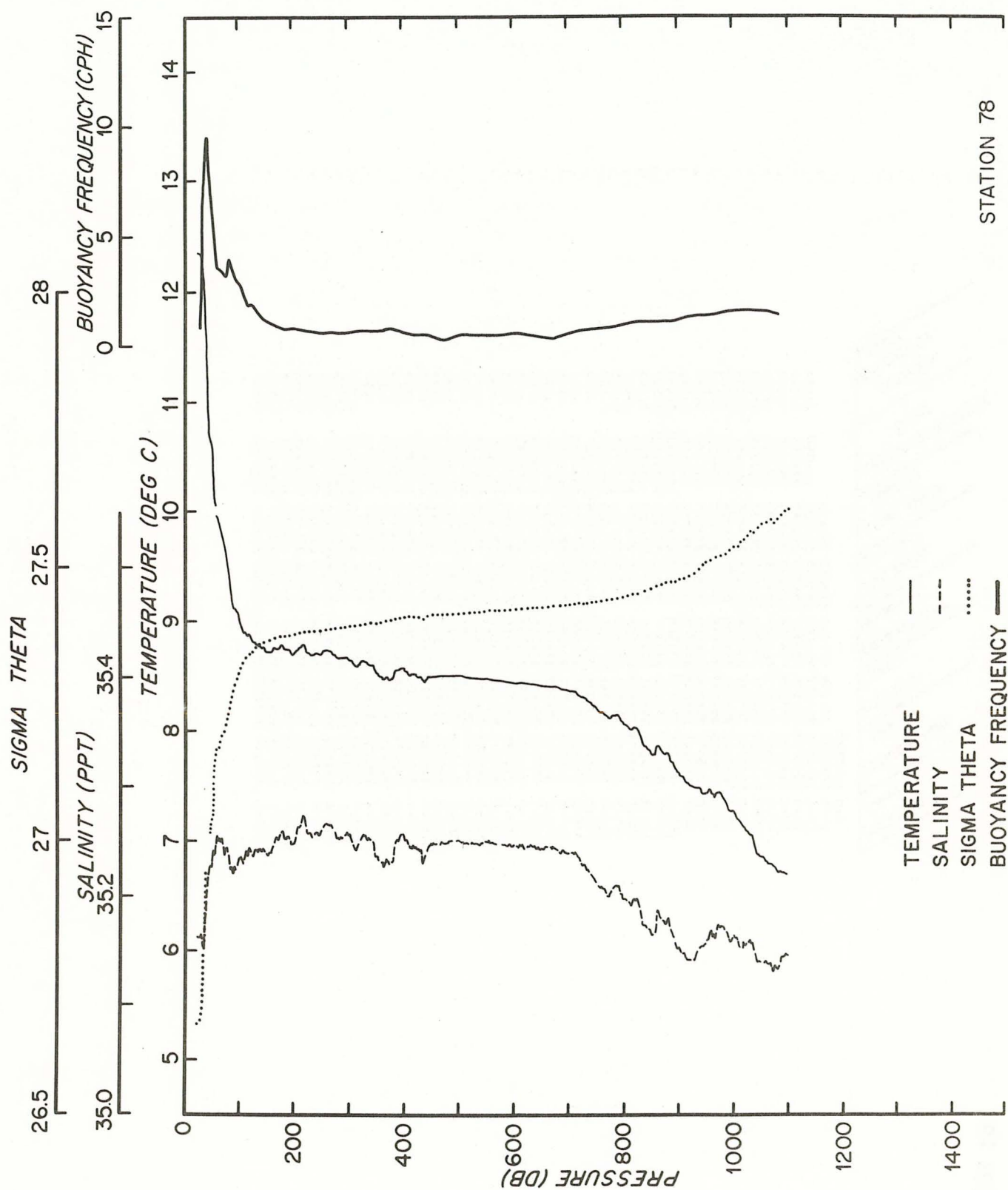
PRESSURE (dbar)	TEMPERATURE (deg C)	SALINITY (ppt)	CONDUCTIVITY (mmho/cm)	POT. TEMP. (deg C)	SIGMA THETA (gm/m ³)	AVERAGED PRESSURE (dbar)	BUOYANCY (gph)
5.8	14.7429	35.167	40.940	12.792	26.581		
9.2	12.7937	35.167	40.929	12.777	26.585	11.900	1.549
14.6	12.7791	35.169	40.929	12.777	26.585	11.900	1.549
19.6	12.7797	35.167	40.930	12.777	26.583	11.903	1.520
28.1	12.571	35.181	40.830	12.53	26.619	23.833	3.626
36.0	12.5746	35.193	40.766	12.570	26.644	32.033	3.626
43.7	12.5601	35.192	40.754	12.554	26.646	32.033	3.626
51.8	11.2589	35.260	39.571	11.252	26.948	47.767	13.851
59.6	10.4031	35.261	38.754	10.396	27.104	55.733	7.955
67.2	10.1764	35.297	38.577	10.168	27.172	63.417	5.339
75.3	9.8384	35.276	38.237	9.830	27.213	71.233	4.069
83.0	9.4329	35.262	37.947	9.434	27.253	79.150	4.040
91.1	9.789	35.261	37.784	9.569	27.279	87.080	3.245
99.3	9.5339	35.257	37.657	9.523	27.300	95.200	2.864
107.0	9.2199	35.264	37.653	9.208	27.307	103.183	1.748
114.9	9.1669	35.266	37.609	9.154	27.318	110.983	2.055
122.7	9.1089	35.268	37.559	9.095	27.329	118.833	2.151
130.5	9.0979	35.297	37.591	9.081	27.353	126.683	1.552
138.6	9.1368	35.312	37.617	9.116	27.359	134.533	1.790
146.8	9.0564	35.305	37.559	9.032	27.366	142.383	1.910
155.0	9.0599	35.312	37.613	9.032	27.371	150.233	1.722
163.1	9.0339	35.311	37.603	9.003	27.375	158.083	1.717
171.0	8.9949	35.309	37.578	8.960	27.379	165.933	1.749
179.7	8.8129	35.276	37.390	8.775	27.383	173.783	1.826
187.5	8.6851	35.257	37.266	8.644	27.389	181.633	1.826
195.4	8.5949	35.263	37.255	8.550	27.391	189.483	1.550
203.2	8.7098	35.275	37.336	8.661	27.399	197.333	1.575
211.0	8.6477	35.267	37.284	8.596	27.403	205.183	1.684
218.8	8.5819	35.258	37.228	8.527	27.406	213.033	1.669
226.6	8.5171	35.252	37.176	8.458	27.411	220.883	1.803
234.4	8.4884	35.248	37.159	8.426	27.413	228.733	1.669
242.2	8.5014	35.253	37.131	8.435	27.415	236.583	1.485
250.0	8.4601	35.249	37.163	8.391	27.418	244.433	1.657
257.8	8.4008	35.242	37.116	8.328	27.422	252.283	1.705
265.6	8.3547	35.239	37.085	8.278	27.427	260.133	1.761
273.4	8.2773	35.235	37.023	8.197	27.435	267.983	1.980
281.2	8.2064	35.235	36.971	8.123	27.446	275.833	1.098
289.0	8.0784	35.224	36.858	7.992	27.459	283.683	1.173
296.8	7.9118	35.184	36.548	7.723	27.466	291.533	1.101
304.6	7.6558	35.170	36.440	7.565	27.478	299.383	1.212
312.4	7.5862	35.176	36.396	7.492	27.493	307.233	1.294
320.2	7.4834	35.175	36.314	7.386	27.508	315.083	1.264
328.0	7.2742	35.171	36.130	7.175	27.535	322.933	1.236
335.8	7.0786	35.162	35.955	6.977	27.555	330.783	1.549
343.6	6.8951	35.152	35.791	6.792	27.573	338.633	1.482
351.4	6.6172	35.135	35.533	6.512	27.598	346.483	1.740
359.2	6.4212	35.132	35.364	6.315	27.622	354.333	1.676
367.0	6.3666	35.130	35.315	6.260	27.628	362.183	1.707



STATION 77

STATION 78

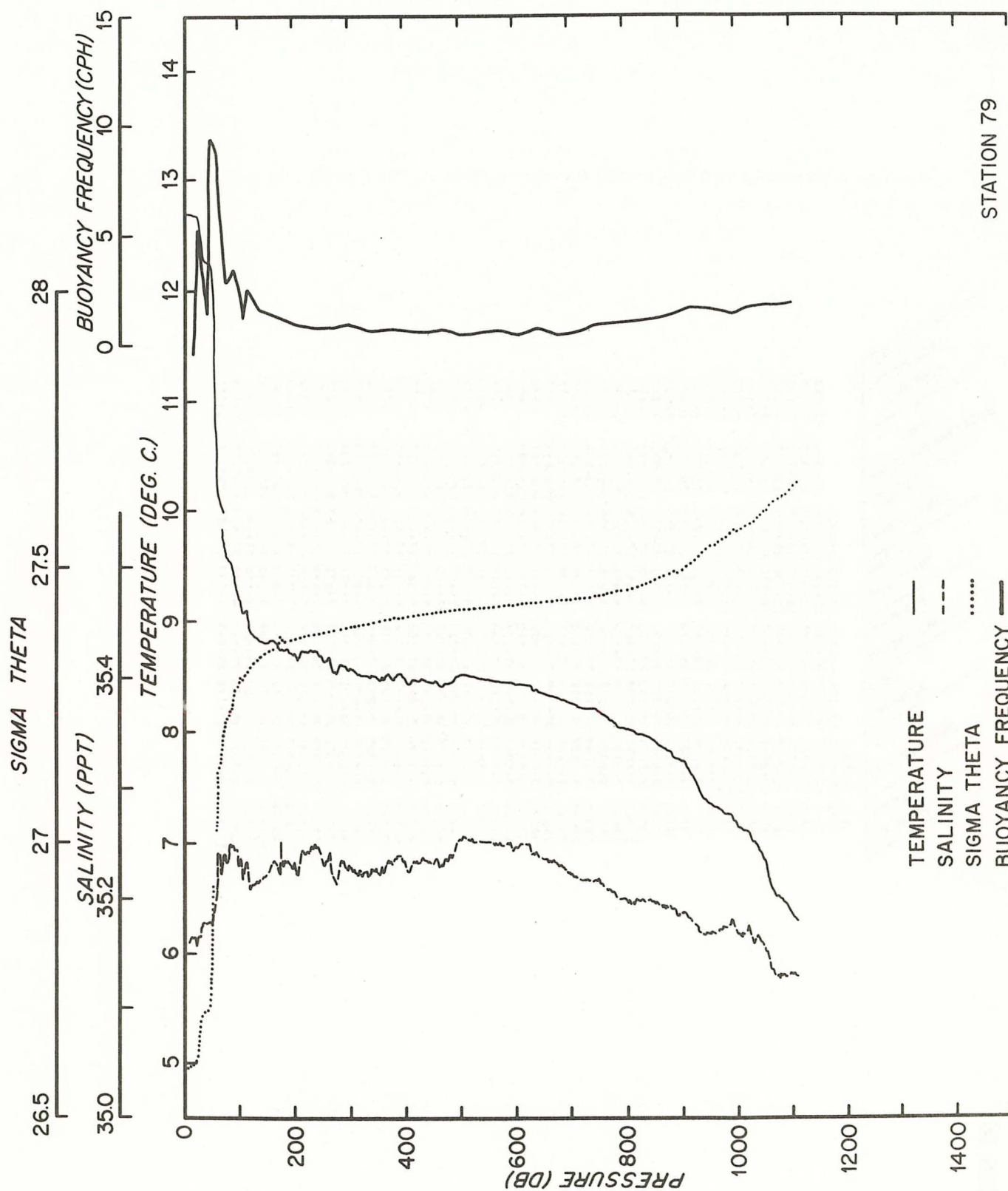
PRESSURE (dbar)	TEMPERATURE (deg C)	SALINITY (ppt)	CONDUCTIVITY (msh/cm)	POT. TEMP. (deg C)	SIGMA THETA (gm/m ³)	AVERAGED PRESSURE (dbar)	BUOYANCY FREQUENCY (cpb)
26.3	12.3397	35.161	40.501	12.336	26.666	28.783	0.914
31.3	12.3341	35.161	40.498	12.330	26.667	28.783	0.911
39.4	11.6842	35.181	39.894	11.679	26.307	35.333	7.411
47.2	10.6436	35.224	38.942	10.638	27.032	43.267	9.561
55.0	10.0779	35.236	38.418	10.072	27.141	51.067	6.670
62.6	9.9664	35.229	38.226	9.957	27.171	58.783	3.593
70.3	9.8003	35.251	38.179	9.796	27.200	66.450	3.441
77.9	9.6206	35.243	38.000	9.612	27.224	74.083	3.235
86.0	9.4279	35.223	37.660	9.258	27.266	81.950	4.060
94.5	9.1309	35.227	37.528	9.121	27.293	90.283	3.199
102.8	8.9028	35.233	37.439	9.015	27.316	98.650	2.647
111.2	8.9038	35.231	37.325	8.892	27.333	106.983	2.594
119.6	8.8764	35.236	37.308	8.864	27.342	115.400	1.819
127.7	8.8213	35.237	37.261	8.808	27.351	123.667	1.937
161.9	8.7373	35.241	37.201	8.720	27.368	144.800	1.268
195.8	8.7208	35.247	37.206	8.700	27.375	178.817	0.856
229.5	8.7113	35.254	37.226	8.694	27.381	212.617	0.802
263.8	8.7448	35.255	37.279	8.719	27.385	246.133	0.653
295.6	8.6673	35.254	37.218	8.646	27.388	279.217	0.592
328.7	8.6432	35.254	37.206	8.614	27.392	312.167	0.686
361.5	8.4983	35.228	37.054	8.460	27.396	345.117	0.724
392.9	8.5743	35.253	37.163	8.532	27.403	377.233	0.844
425.4	8.5016	35.241	37.098	8.456	27.405	409.167	0.583
457.3	8.5104	35.246	37.126	8.462	27.408	441.333	0.551
489.3	8.5202	35.249	37.151	8.468	27.408	473.300	0.290
521.1	8.4888	35.246	37.133	8.433	27.411	505.233	0.611
552.5	8.4858	35.248	37.146	8.426	27.413	536.817	0.519
584.5	8.4668	35.246	37.141	8.404	27.415	568.500	0.497
616.5	8.4477	35.246	37.137	8.381	27.418	600.483	0.628
649.6	8.4132	35.243	37.122	8.349	27.420	632.017	0.526
680.6	8.4031	35.242	37.124	8.336	27.420	665.100	0.531
712.7	8.3716	35.237	37.099	8.295	27.422	696.683	0.592
744.6	8.2463	35.217	36.976	8.167	27.426	728.667	0.771
776.0	8.1297	35.199	36.864	8.047	27.429	760.300	0.790
808.1	8.0624	35.195	36.812	7.977	27.437	792.067	0.955
839.6	7.8804	35.172	36.634	7.792	27.446	823.867	1.155
871.3	7.8320	35.178	36.608	7.741	27.458	855.467	1.150
903.9	7.6282	35.151	36.406	7.533	27.468	887.633	1.175
936.4	7.5047	35.149	36.305	7.409	27.484	920.183	1.363
967.2	7.4302	35.158	36.257	7.331	27.502	951.817	1.431
1001.3	7.2829	35.164	36.141	7.181	27.528	984.233	1.660
1033.4	7.0745	35.156	35.954	6.971	27.551	1017.32	1.674
1066.4	6.8062	35.138	35.703	6.701	27.574	1049.88	1.682
1099.3	6.7077	35.146	35.634	6.600	27.594	1082.87	1.4475



STATION 78

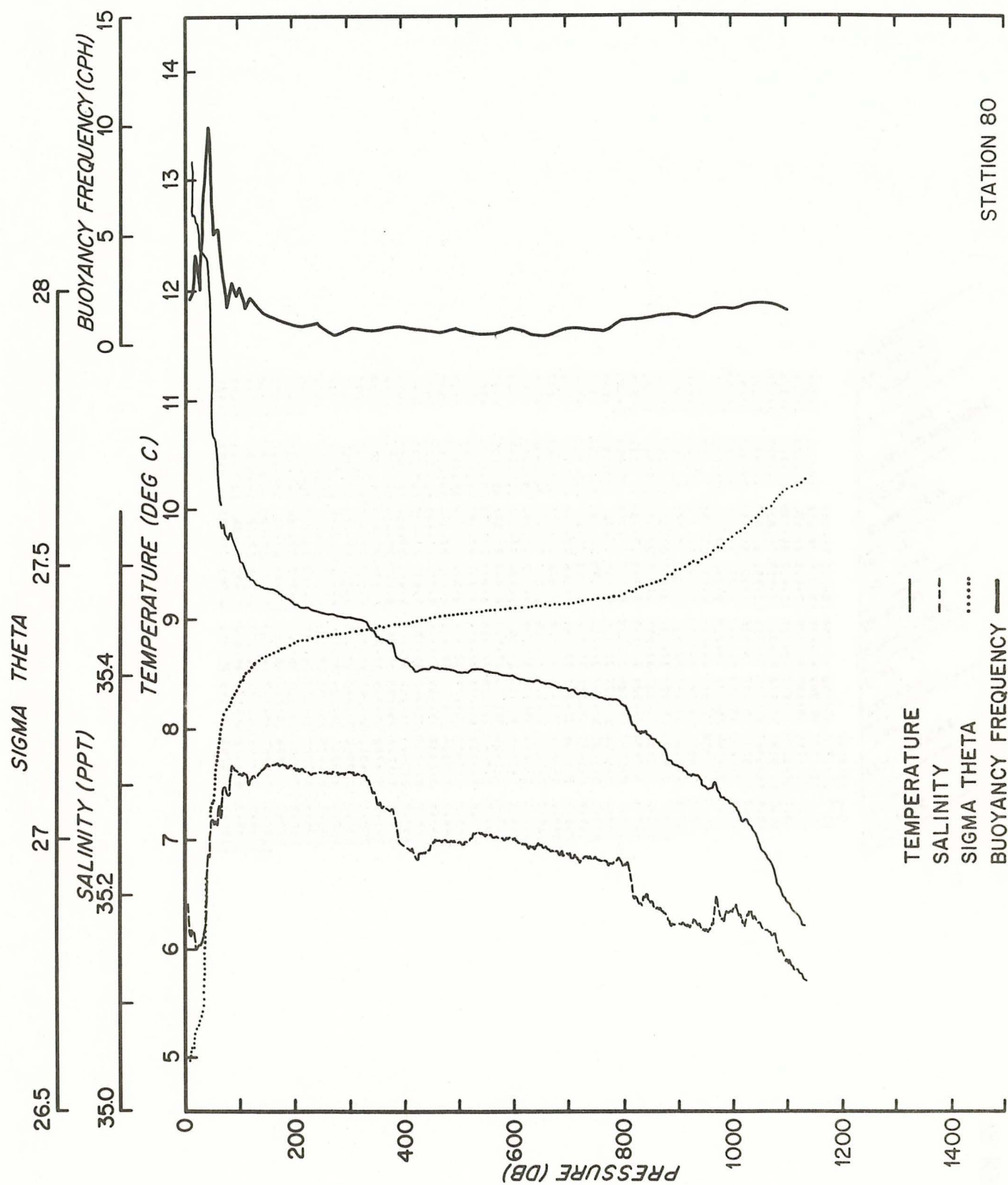
STATION 79

PRESSURE (dbar)	TEMPERATURE (deg C)	SALINITY (ppt)	CONDUCTIVITY (mmho/cm)	POT. TEMP. (deg C)	SIGMA THETA (gm/m ³)	AVERAGED PRESSURE (dbar)	BUOYANCY (gph)
5.0	17.587	35.164	40.833	12.633	26.600	18.950	3.234
14.8	12.6846	35.159	40.816	12.665	26.600	27.050	3.266
23.1	12.681	35.175	40.556	12.374	26.669	35.117	3.077
31.0	12.798	35.175	40.556	12.285	26.658	43.350	1.436
39.2	12.701	35.179	40.437	12.238	26.658	51.383	9.517
47.5	12.447	35.179	40.437	11.104	26.622	59.667	9.807
55.3	11.109	35.191	39.360	10.113	27.135	68.000	5.250
64.0	10.1209	35.238	38.464	9.728	27.304	76.083	2.823
72.0	9.7362	35.241	38.105	9.571	27.225	84.200	3.058
80.2	9.5800	35.235	37.955	9.459	27.449	92.450	3.440
88.2	9.5089	35.250	37.905	9.284	27.281	100.933	2.649
96.7	9.2548	35.245	37.702	9.109	27.399	109.150	1.237
105.2	9.1207	35.232	37.528	8.952	27.303	117.150	2.448
113.1	9.1040	35.233	37.517	8.831	27.318	125.467	1.607
121.2	8.9044	35.211	37.312	8.801	27.344	133.817	1.310
129.8	8.173	35.226	37.259	8.740	27.360	142.167	.937
137.5	8.7601	35.236	37.229	8.709	27.369	150.467	.837
145.9	8.7323	35.241	37.223	8.611	27.375	158.767	.944
154.8	8.6382	35.231	37.139	8.582	27.382	167.067	.612
163.2	8.6122	35.234	37.132	8.487	27.390	175.367	.750
171.8	8.5214	35.226	37.055	8.438	27.394	183.667	.694
180.2	8.4757	35.222	37.024	8.432	27.400	191.967	.659
188.8	8.5331	35.241	37.110	8.427	27.404	200.267	.611
197.4	8.4718	35.234	37.062	8.426	27.412	208.567	.638
206.0	8.4698	35.238	37.078	8.421	27.408	216.867	.533
214.6	8.4783	35.245	37.107	8.449	27.414	225.167	.533
223.2	8.5028	35.252	37.152	8.447	27.414	233.467	.622
231.8	8.4788	35.251	37.144	8.437	27.417	241.767	.653
240.4	8.4508	35.251	37.133	8.387	27.421	250.067	.770
249.0	8.4333	35.247	37.119	8.356	27.422	258.367	.434
257.6	8.3392	35.236	37.045	8.269	27.427	266.667	.555
266.2	8.2823	35.226	36.996	8.208	27.427	274.967	.925
274.8	8.2294	35.218	36.954	8.152	27.429	283.267	.933
283.4	8.1413	35.211	36.881	8.060	27.437	291.567	.933
292.0	8.0306	35.202	36.787	7.946	27.447	300.067	.933
300.6	7.9346	35.200	36.713	7.846	27.460	308.367	.933
309.2	7.7713	35.192	36.572	7.679	27.478	316.667	.933
317.8	7.4631	35.173	36.286	7.368	27.508	324.967	.933
326.4	7.2898	35.176	36.145	7.191	27.537	333.267	.933
335.0	7.1212	35.170	36.000	7.020	27.555	341.567	.933
343.6	6.8357	35.158	35.741	6.733	27.586	349.867	.933
352.2	6.4731	35.134	35.401	6.369	27.617	358.167	.933
360.8	6.3066	35.132	35.255	6.202	27.637	366.467	.933



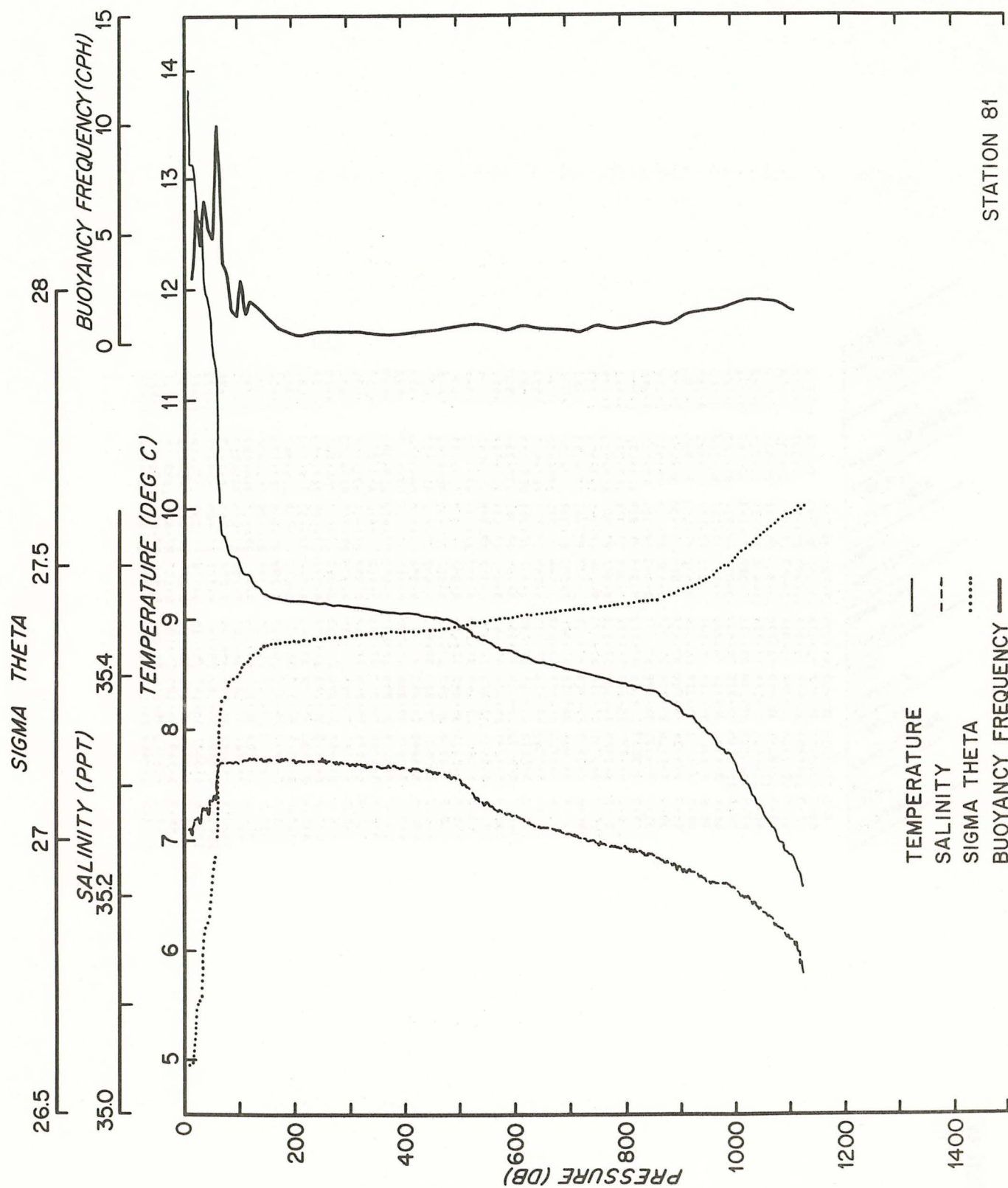
STATION 80

TEMPERATURE (deg C)	SALINITY (ppt)	CONDUCTIVITY (mmho/cm)	POT. TEMP. (deg C)	SIGMA THETA (gm/m ³)	AVERAGED PRESSURE (dbar)	BUOYANCY (cph)
6.2	16.8320	35.170	40.827	12.673	26.607	-2.663
10.1	12.6746	35.170	40.827	12.673	26.607	-2.663
11.1	12.7007	35.174	40.857	12.699	26.604	2.183
13.5	12.6481	35.165	40.798	12.646	26.608	2.433
19.5	12.5922	35.165	40.746	12.590	26.619	4.116
27.1	12.3418	35.153	40.495	12.338	26.659	2.548
35.2	12.2855	35.150	40.452	12.281	26.676	7.610
42.9	11.7428	35.218	40.029	11.777	26.818	3.901
51.0	10.6440	35.267	38.987	10.638	27.066	5.045
58.9	10.2855	35.288	38.649	10.279	27.130	5.319
67.1	9.9083	35.277	38.302	9.901	27.202	3.762
74.7	9.8205	35.301	38.245	9.812	27.236	1.698
83.1	9.7623	35.298	38.190	9.753	27.243	2.896
91.9	9.7118	35.316	38.164	9.701	27.266	2.284
100.0	9.6023	35.309	38.057	9.591	27.279	2.656
108.4	9.5044	35.312	37.970	9.492	27.298	1.731
116.1	9.4053	35.259	37.868	9.392	27.305	2.201
124.2	9.3739	35.308	37.450	9.360	27.317	1.472
157.4	9.2924	35.319	37.798	9.275	27.339	1.228
190.5	9.1969	35.318	37.722	9.176	27.354	1.016
224.0	9.1229	35.312	37.660	9.098	27.361	.872
257.1	9.0668	35.313	37.623	9.038	27.371	1.458
290.2	9.0429	35.309	37.613	9.011	27.372	.832
323.0	9.0058	35.310	37.593	8.970	27.379	.685
357.0	8.8378	35.279	37.420	8.799	27.382	.747
411.8	8.5919	35.243	37.178	8.548	27.392	.573
446.0	8.5772	35.246	37.183	8.529	27.397	.776
479.9	8.5639	35.247	37.187	8.512	27.400	.500
513.0	8.5328	35.248	37.173	8.478	27.406	.514
546.4	8.5558	35.256	37.216	8.497	27.408	.791
580.6	8.5186	35.250	37.192	8.456	27.410	.466
613.8	8.4692	35.247	37.157	8.403	27.415	.398
647.6	8.4498	35.245	37.152	8.380	27.416	.787
681.3	8.4047	35.237	37.116	8.331	27.417	.736
714.2	8.3473	35.232	37.072	8.271	27.422	.626
747.0	8.3228	35.233	37.064	8.243	27.426	1.180
780.6	8.2938	35.231	37.050	8.210	27.430	1.219
814.3	8.0601	35.198	36.815	7.974	27.440	1.375
846.9	7.9602	35.195	36.733	7.871	27.453	1.399
880.7	7.7376	35.173	36.519	7.646	27.468	1.243
914.8	7.6082	35.171	36.412	7.514	27.486	1.665
948.2	7.4947	35.167	36.317	7.397	27.500	1.642
982.4	7.4031	35.155	36.264	7.303	27.527	1.936
1016.0	7.1693	35.112	36.049	7.067	27.550	1.924
1049.2	6.9203	35.169	35.831	6.816	27.583	1.594
1081.9	6.5927	35.150	35.625	6.488	27.613	
1114.5	6.3390	35.132	35.288	6.233	27.633	



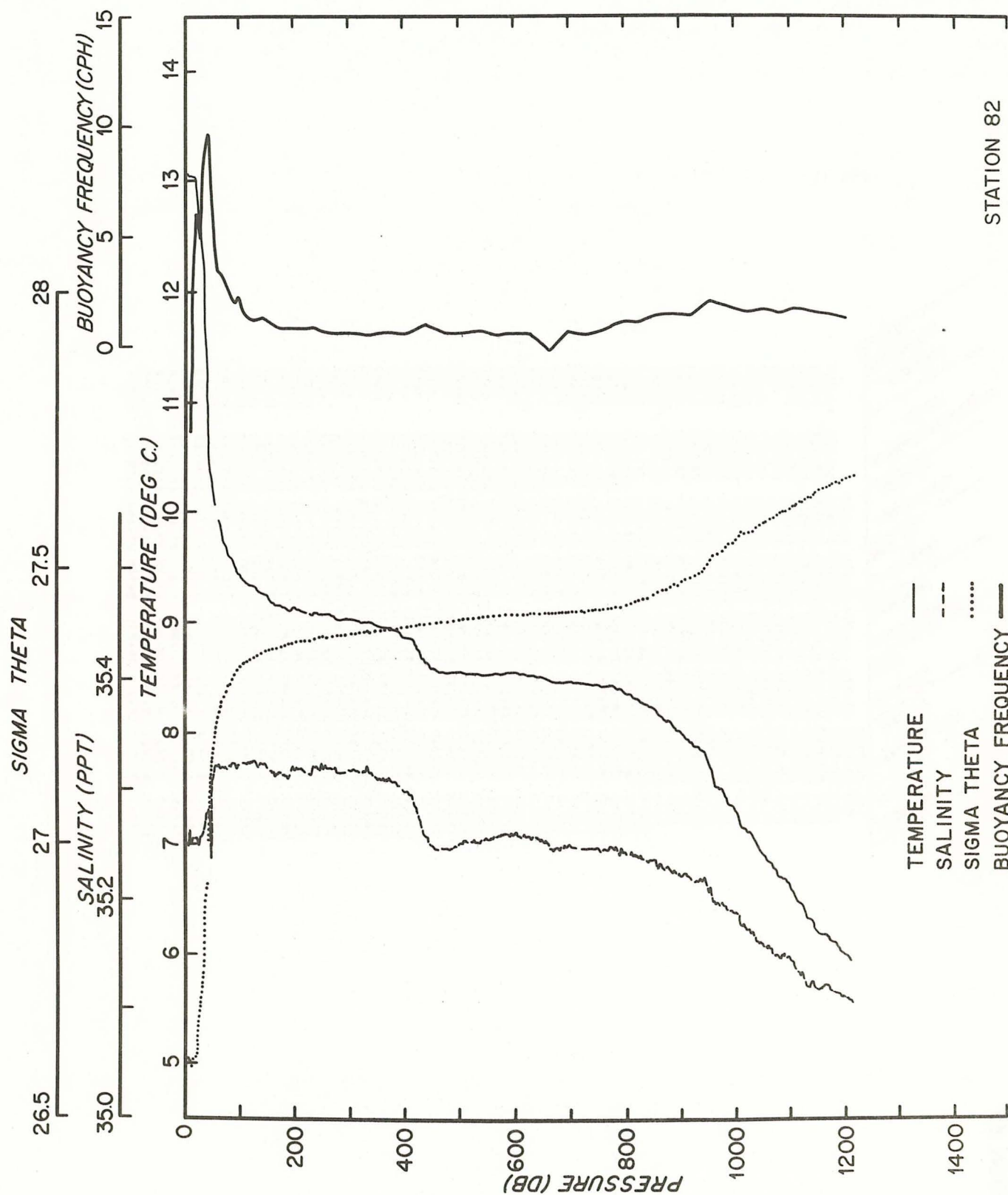
STATION 81

TEMPERATURE (dbar)	SALINITY (deg C)	CONDUCTIVITY (ppm)	POT. TEMP. (mmho/cm)	SIGMA THETA (gm/m ³)	AVERAGED PRESSURE (dbar)	BUOYANCY (gph)
5.0	13.8147	35.260	41.356	13.120	26.586	
10.9	13.1212	35.263	41.272	13.025	26.608	3.045
18.4	13.0277	35.269	40.879	12.611	26.696	6.096
25.9	12.6141	35.277	40.705	12.419	26.739	4.378
33.1	12.4235	35.279	40.221	11.913	26.839	5.530
40.5	11.9187	35.286	39.911	11.581	26.907	4.450
48.4	11.5867	35.292	39.656	11.306	26.963	5.235
56.2	11.3130	35.318	38.375	9.937	27.228	4.760
64.7	9.9440	35.321	38.202	9.748	27.263	9.963
72.7	9.7565	35.324	37.874	9.584	27.289	3.716
81.3	9.5829	35.320	38.049	9.554	27.296	68.700
89.8	9.5893	35.321	38.022	9.525	27.299	3.140
97.6	9.5865	35.320	38.004	9.407	27.320	1.556
105.7	9.4190	35.322	37.897	9.378	27.325	1.259
113.9	9.3904	35.322	37.874	9.330	27.334	2.868
122.3	9.3433	35.324	37.835	9.187	27.358	1.395
130.4	9.2047	35.324	37.720	9.155	27.361	1.935
138.8	9.1758	35.323	37.706	9.116	27.362	1.493
146.0	9.1639	35.322	37.709	9.088	27.368	6.64
154.4	9.1445	35.321	37.706	9.058	27.371	3.97
162.0	9.1209	35.320	37.699	9.037	27.372	556
169.8	9.0944	35.319	37.688	9.020	27.374	538
177.2	9.0774	35.317	37.686	8.996	27.378	607
184.3	9.0644	35.316	37.689	8.964	27.378	434
191.6	9.0444	35.314	37.683	8.964	27.378	444
198.6	9.0159	35.311	37.668	8.964	27.378	513
205.8	8.9843	35.305	37.618	8.964	27.378	547
212.8	8.9452	35.289	37.514	8.964	27.378	786
219.0	8.9107	35.279	37.440	8.964	27.378	840
225.2	8.8754	35.273	37.406	8.964	27.378	818
231.6	8.8407	35.262	37.345	8.964	27.378	889
238.0	8.8058	35.255	37.345	8.964	27.378	805
244.2	8.7707	35.248	37.231	8.964	27.378	645
250.4	8.7352	35.240	37.169	8.964	27.378	636
256.6	8.7000	35.236	37.124	8.964	27.378	468
262.8	8.6648	35.232	37.046	8.964	27.378	792
269.0	8.6296	35.227	36.950	8.964	27.378	683
275.2	8.5943	35.223	36.850	8.964	27.378	739
281.4	8.5590	35.219	36.798	8.964	27.378	888
287.6	8.5237	35.214	36.748	8.964	27.378	871
293.8	8.4884	35.211	36.660	8.964	27.378	1.346
300.0	8.4531	35.207	36.570	8.964	27.378	1.472
306.2	8.4178	35.203	36.480	8.964	27.378	1.580
312.4	8.3825	35.200	36.390	8.964	27.378	1.502
318.6	8.3472	35.196	36.300	8.964	27.378	1.974
324.8	8.3119	35.192	36.210	8.964	27.378	1.828
331.0	8.2766	35.188	36.120	8.964	27.378	1.431
337.2	8.2413	35.184	36.030	8.964	27.378	
343.4	8.2060	35.180	35.940	8.964	27.378	
349.6	8.1707	35.176	35.850	8.964	27.378	
355.8	8.1354	35.172	35.760	8.964	27.378	
362.0	8.1001	35.168	35.670	8.964	27.378	
368.2	8.0648	35.164	35.580	8.964	27.378	
374.4	8.0295	35.160	35.490	8.964	27.378	
380.6	8.0000	35.156	35.400	8.964	27.378	
386.8	7.9647	35.152	35.310	8.964	27.378	
393.0	7.9294	35.148	35.220	8.964	27.378	
399.2	7.8941	35.144	35.130	8.964	27.378	
405.4	7.8588	35.140	35.040	8.964	27.378	
411.6	7.8235	35.136	34.950	8.964	27.378	
417.8	7.7882	35.132	34.860	8.964	27.378	
424.0	7.7529	35.128	34.770	8.964	27.378	
430.2	7.7176	35.124	34.680	8.964	27.378	
436.4	7.6823	35.120	34.590	8.964	27.378	
442.6	7.6470	35.116	34.500	8.964	27.378	
448.8	7.6117	35.112	34.410	8.964	27.378	
455.0	7.5764	35.108	34.320	8.964	27.378	
461.2	7.5411	35.104	34.230	8.964	27.378	
467.4	7.5058	35.100	34.140	8.964	27.378	
473.6	7.4705	35.096	34.050	8.964	27.378	
479.8	7.4352	35.092	33.960	8.964	27.378	
486.0	7.4000	35.088	33.870	8.964	27.378	
492.2	7.3647	35.084	33.780	8.964	27.378	
498.4	7.3294	35.080	33.690	8.964	27.378	
504.6	7.2941	35.076	33.600	8.964	27.378	
510.8	7.2588	35.072	33.510	8.964	27.378	
517.0	7.2235	35.068	33.420	8.964	27.378	
523.2	7.1882	35.064	33.330	8.964	27.378	
529.4	7.1529	35.060	33.240	8.964	27.378	
535.6	7.1176	35.056	33.150	8.964	27.378	
541.8	7.0823	35.052	33.060	8.964	27.378	
548.0	7.0470	35.048	32.970	8.964	27.378	
554.2	7.0117	35.044	32.880	8.964	27.378	
560.4	6.9764	35.040	32.790	8.964	27.378	
566.6	6.9411	35.036	32.700	8.964	27.378	
572.8	6.9058	35.032	32.610	8.964	27.378	
579.0	6.8705	35.028	32.520	8.964	27.378	
585.2	6.8352	35.024	32.430	8.964	27.378	
591.4	6.8000	35.020	32.340	8.964	27.378	
597.6	6.7647	35.016	32.250	8.964	27.378	
603.8	6.7294	35.012	32.160	8.964	27.378	
610.0	6.6941	35.008	32.070	8.964	27.378	
616.2	6.6588	35.004	31.980	8.964	27.378	
622.4	6.6235	35.000	31.890	8.964	27.378	
628.6	6.5882	34.996	31.800	8.964	27.378	
634.8	6.5529	34.992	31.710	8.964	27.378	
641.0	6.5176	34.988	31.620	8.964	27.378	
647.2	6.4823	34.984	31.530	8.964	27.378	
653.4	6.4470	34.980	31.440	8.964	27.378	
659.6	6.4117	34.976	31.350	8.964	27.378	
665.8	6.3764	34.972	31.260	8.964	27.378	
672.0	6.3411	34.968	31.170	8.964	27.378	
678.2	6.3058	34.964	31.080	8.964	27.378	
684.4	6.2705	34.960	30.990	8.964	27.378	
690.6	6.2352	34.956	30.900	8.964	27.378	
696.8	6.2000	34.952	30.810	8.964	27.378	
703.0	6.1647	34.948	30.720	8.964	27.378	
709.2	6.1294	34.944	30.630	8.964	27.378	
715.4	6.0941	34.940	30.540	8.964	27.378	
721.6	6.0588	34.936	30.450	8.964	27.378	
727.8	6.0235	34.932	30.360	8.964	27.378	
734.0	5.9882	34.928	30.270	8.964	27.378	
740.2	5.9529	34.924	30.180	8.964	27.378	
746.4	5.9176	34.920	30.090	8.964	27.378	
752.6	5.8823	34.916	30.000	8.964	27.378	
758.8	5.8470	34.912	29.910	8.964	27.378	
765.0	5.8117	34.908	29.820	8.964	27.378	
771.2	5.7764	34.904	29.730	8.964	27.378	
777.4	5.7411	34.900	29.640	8.964	27.378	
783.6	5.7058	34.896	29.550	8.964	27.378	
789.8	5.6705	34.892	29.460	8.964	27.378	
796.0	5.6352	34.888	29.370	8.964	27.378	
802.2	5.6000	34.884	29.280	8.964	27.378	
808.4	5.5647	34.880	29.190	8.964	27.378	
814.6	5.5294	34.876	29.100	8.964	27.378	
820.8	5.4941	34.872	29.010	8.964	27.378	
827.0	5.4588	34.868	28.920	8.964	27.378	
833.2	5.4235	34.864	28.830	8.964	27.378	
839.4	5.3882	34.860	28.740	8.964	27.378	
845.6	5.3529	34.856	28.650	8.964	27.378	
851.8	5.3176	34.852	28.560	8.964	27.378	
858.0	5.2823	34.848	28.470	8.964	27.378	
864.2	5.2470	34.844	28.380	8.964	27.378	
870.4	5.2117	34.840	28.290	8.964	27.378	
876.6	5.1764	34.836	28.200	8.964	27.378	
882.8	5.1411	34.832	28.110	8.964	27.378	
889.0	5.1058	34.828	28.020	8.964	27.378	
895.2	5.0705	34.824	27.930	8.964	27.378	
901.4	5.0352	34.820	27.840	8.964	27.378	
907.6	5.0000	34.816	27.750	8.964	27.378	
913.8	4.9647	34.812	27.660	8.964	27.378	
920.0	4.9294	34.808	27.570	8.964	27.378	
926.2	4.8941	34.804	27.480	8.964	27.378	
932.4	4.8588	34.800	27.390	8.964	27.378	
938.6	4.8235	34.796	27.300	8.964	27.378	
944.8	4.7882	34.792	27.210	8.964	27.378	
951.0	4.7529	34.788	27.120	8.964	27.378	
957.2	4.7176	34.784	27.030	8.964	27.378	
963.4	4.6823	34.780	26.940	8.964	27.378	
969.6	4.6470	34.776	26.850	8.964	27.378	
975.8	4.6117	34.772	26.760	8.964	27.378	
982.0	4.5764	34.768	26.670	8.964	27.378	
988.2	4.5411	34.764	26.580	8.964	27.378	
994.4	4.5058	34.760	26.490	8.964	27.378	
1000.6	4.4705	34.756	26.400	8.964	27.378	
1006.8	4.4352	34.752	26.310	8.964	27.378	
1013.0	4.4000	34.748	26.220	8.964	27.378	
1019.2	4.3647	34.744	26.130	8.964	27.378	
1025.4	4.3294	34.740	26.040	8.964	27.378	
1031.6	4.2941	34.736	25.950	8.964	27.378	
1037.8	4.2588	34.732	25.860	8.964	27.378	
1044.0	4.2235	34.728	25.770	8.96		



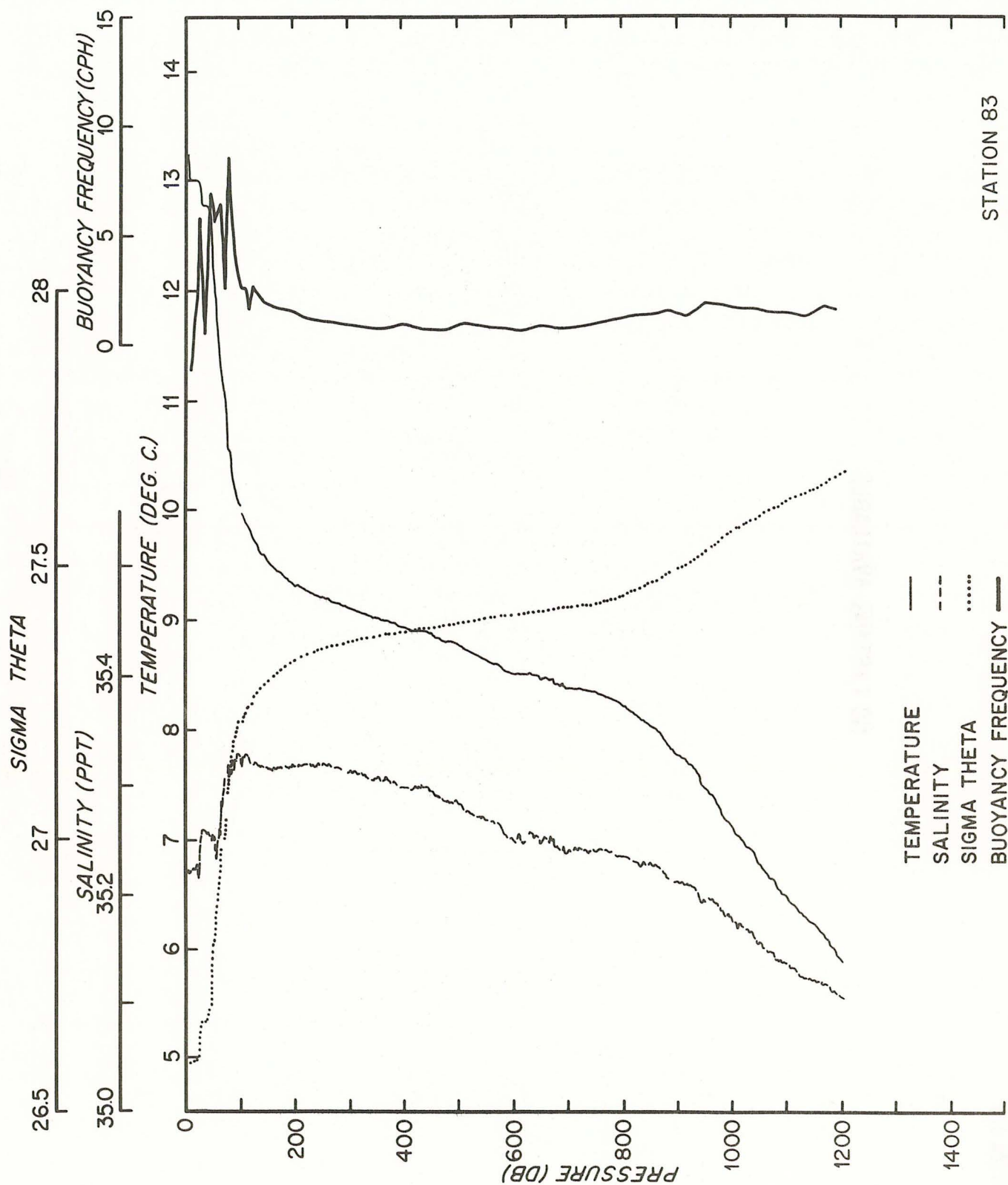
STATION 82

TEMPERATURE (deg C)	SALINITY (ppt)	CONDUCTIVITY (mmho/cm)	POT. TEMP. (deg C)	SIGMA THETA (gm/m ³)	AVERAGED PRESSURE (dbar)	BUOYANCY FREQUENCY (cpH)
13.0002	35.253	41.229	12.999	26.608	9.383	3.833
13.0098	35.259	41.275	13.048	26.593	9.383	3.833
17.9	12.9897	35.223	41.229	12.987	26.608	2.599
25.5	12.5608	35.254	40.811	12.557	26.695	21.700
32.6	12.3045	35.258	40.570	12.300	26.748	4.873
40.0	11.4401	35.274	39.754	11.355	26.926	8.723
47.3	10.7334	35.295	38.716	10.328	27.143	36.300
54.8	10.0155	35.319	38.439	10.009	27.217	43.667
62.8	9.8300	35.317	38.264	9.823	27.247	51.050
70.5	9.6829	35.317	38.127	9.675	27.271	58.800
78.1	9.5803	35.315	38.034	9.572	27.290	66.683
85.9	9.5239	35.322	37.988	9.514	27.302	74.300
93.3	9.4405	35.316	37.950	9.430	27.312	81.967
101.0	9.3339	35.322	37.871	9.383	27.324	89.600
108.3	9.3359	35.321	37.842	9.348	27.329	97.150
116.1	9.3335	35.322	37.821	9.321	27.334	104.650
123.7	9.3159	35.322	37.808	9.302	27.337	112.233
135.3	9.1730	35.314	37.679	9.146	27.354	119.900
148.6	9.0973	35.306	37.615	9.077	27.361	129.500
219.4	9.0854	35.312	37.624	9.041	27.368	170.950
283.4	9.0259	35.313	37.597	8.995	27.378	203.000
348.7	8.9633	35.306	37.551	8.925	27.383	235.450
380.4	8.9239	35.304	37.541	8.888	27.386	267.433
421.6	8.7634	35.273	37.373	8.718	27.388	299.700
453.6	8.5807	35.246	37.189	8.532	27.396	332.350
485.3	8.5608	35.245	37.184	8.509	27.399	364.533
515.9	8.5578	35.249	37.199	8.502	27.402	400.983
548.3	8.5511	35.253	37.210	8.492	27.411	437.600
580.0	8.5643	35.256	37.241	8.502	27.408	469.433
612.3	8.5479	35.258	37.240	8.492	27.411	501.083
643.7	8.5194	35.254	37.223	8.450	27.412	532.617
675.9	8.4762	35.243	37.186	8.403	27.410	564.150
707.3	8.4694	35.245	37.196	8.393	27.414	596.117
738.7	8.4548	35.244	37.185	8.375	27.415	628.000
771.1	8.4459	35.246	37.203	8.362	27.418	659.817
803.8	8.3658	35.243	37.139	8.273	27.428	691.617
835.4	8.2638	35.233	37.048	8.174	27.436	723.000
867.8	8.1343	35.228	36.936	8.042	27.452	754.867
900.0	7.9939	35.223	36.813	7.889	27.469	787.450
932.8	7.8463	35.218	36.674	7.768	27.485	819.600
965.7	7.5223	35.135	36.376	7.423	27.517	851.567
997.9	7.2867	35.166	35.945	7.156	27.545	883.883
1029.9	7.0564	35.168	35.945	6.953	27.562	916.400
1061.7	6.8428	35.155	35.751	6.738	27.583	948.883
1092.6	6.6826	35.147	35.610	6.576	27.599	981.317
1123.7	6.3826	35.121	35.323	6.275	27.619	1013.77
1155.9	6.2297	35.110	35.195	6.120	27.638	1045.77
1187.2	6.0760	35.114	35.062	5.965	27.653	1077.12
1210.4	5.9669	35.106	34.966	5.854	27.662	1108.13
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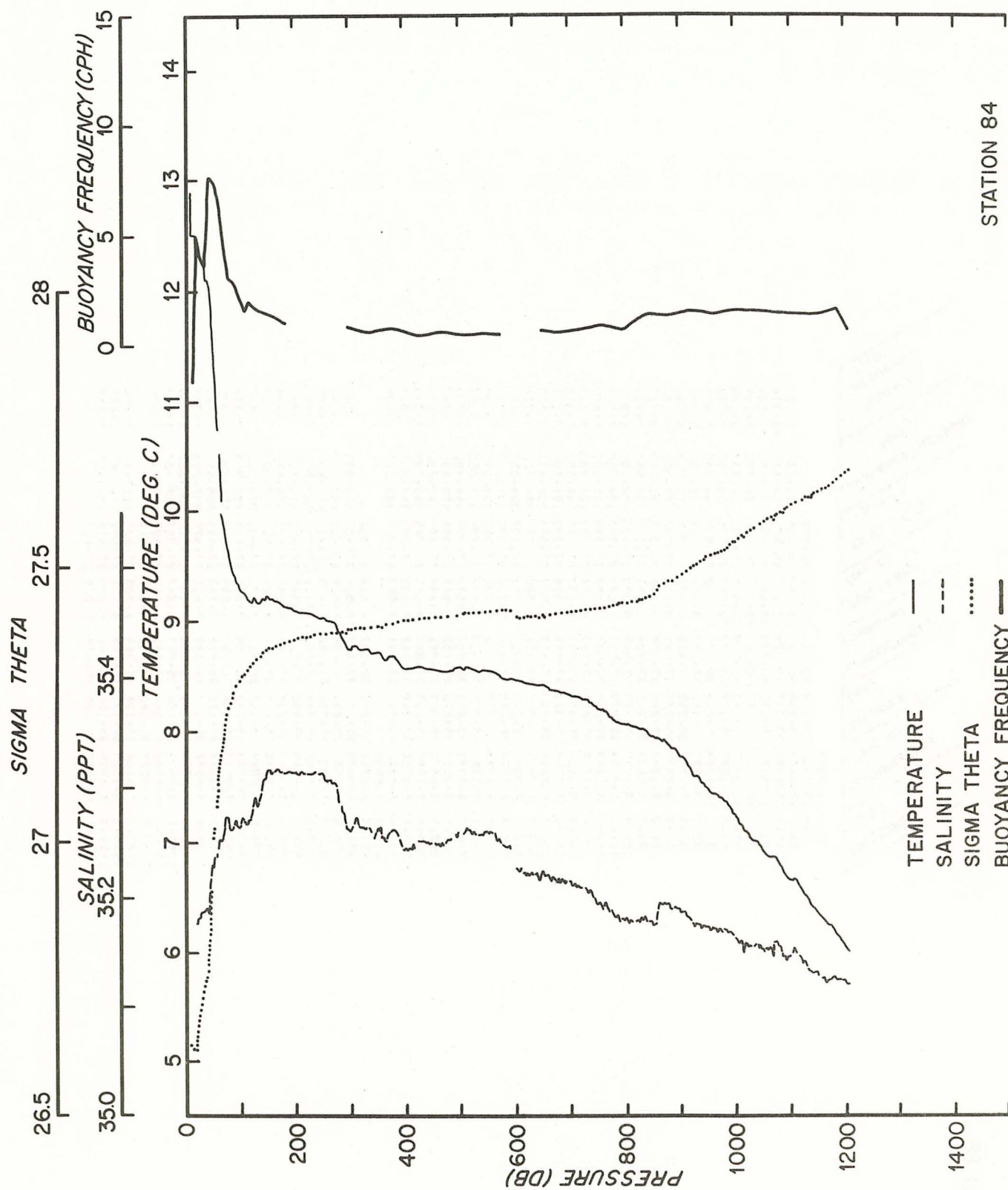
STATION 82

TEMPERATURE (deg C)	SALINITY (ppt)	CONDUCTIVITY (mmho/cm)	POT. TEMP. (deg C)	SIGMA THETA (gm/m ³)	AVERAGED PRESSURE (dbar)	BUOYANCY FREQUENCY (cpb)
13.556	35.221	41.179	12.981	26.585	10.550	1.215
13.581	35.220	41.185	12.986	26.583	10.550	1.215
13.606	35.222	41.189	12.984	26.585	10.551	1.148
13.631	35.228	41.188	12.972	26.592	10.551	1.148
13.656	35.258	41.018	12.762	26.657	10.551	1.148
13.681	35.257	41.013	12.755	26.657	10.551	1.148
13.706	35.255	40.942	12.680	26.670	10.551	1.148
13.731	35.252	40.935	12.220	26.758	10.551	1.148
13.756	35.249	40.935	11.890	26.819	10.551	1.148
13.781	35.248	39.785	11.481	26.896	10.551	1.148
13.806	35.248	39.785	11.173	26.976	10.551	1.148
13.831	35.248	39.785	10.887	26.988	10.551	1.148
13.856	35.248	39.785	10.506	27.126	10.551	1.148
13.881	35.248	39.785	10.233	27.181	10.551	1.148
13.906	35.248	39.785	10.085	27.205	10.551	1.148
13.931	35.248	39.785	10.025	27.220	10.551	1.148
13.956	35.248	39.785	9.945	27.233	10.551	1.148
13.981	35.248	39.785	9.879	27.245	10.551	1.148
14.006	35.248	39.785	9.812	27.250	10.551	1.148
14.031	35.248	39.785	9.722	27.263	10.551	1.148
14.056	35.248	39.785	9.633	27.292	10.551	1.148
14.081	35.248	39.785	9.545	27.313	10.551	1.148
14.106	35.248	39.785	9.415	27.313	10.551	1.148
14.131	35.248	39.785	9.309	27.330	10.551	1.148
14.156	35.248	39.785	9.229	27.343	10.551	1.148
14.181	35.248	39.785	9.150	27.354	10.551	1.148
14.206	35.248	39.785	9.084	27.363	10.551	1.148
14.231	35.248	39.785	9.011	27.368	10.551	1.148
14.256	35.248	39.785	8.961	27.372	10.551	1.148
14.281	35.248	39.785	8.882	27.382	10.551	1.148
14.306	35.248	39.785	8.815	27.385	10.551	1.148
14.331	35.248	39.785	8.768	27.388	10.551	1.148
14.356	35.248	39.785	8.672	27.395	10.551	1.148
14.381	35.248	39.785	8.591	27.402	10.551	1.148
14.406	35.248	39.785	8.492	27.405	10.551	1.148
14.431	35.248	39.785	8.483	27.408	10.551	1.148
14.456	35.248	39.785	8.426	27.413	10.551	1.148
14.481	35.248	39.785	8.341	27.416	10.551	1.148
14.506	35.248	39.785	8.324	27.420	10.551	1.148
14.531	35.248	39.785	8.273	27.428	10.551	1.148
14.556	35.248	39.785	8.180	27.437	10.551	1.148
14.581	35.248	39.785	8.053	27.451	10.551	1.148
14.606	35.248	39.785	7.939	27.467	10.551	1.148
14.631	35.248	39.785	7.722	27.487	10.551	1.148
14.656	35.248	39.785	7.611	27.500	10.551	1.148
14.681	35.248	39.785	7.359	27.528	10.551	1.148
14.706	35.248	39.785	7.113	27.552	10.551	1.148
14.731	35.248	39.785	6.895	27.572	10.551	1.148
14.756	35.248	39.785	6.689	27.591	10.551	1.148
14.781	35.248	39.785	6.487	27.606	10.551	1.148
14.806	35.248	39.785	6.301	27.621	10.551	1.148
14.831	35.248	39.785	6.178	27.632	10.551	1.148
14.856	35.248	39.785	6.031	27.653	10.551	1.148
14.881	35.248	39.785	5.868	27.662	10.551	1.148
14.906	35.248	39.785	5.777	27.662	10.551	1.148
14.931	35.248	39.785	5.697	27.662	10.551	1.148
14.956	35.248	39.785	5.617	27.662	10.551	1.148
14.981	35.248	39.785	5.537	27.662	10.551	1.148
15.006	35.248	39.785	5.457	27.662	10.551	1.148
15.031	35.248	39.785	5.377	27.662	10.551	1.148
15.056	35.248	39.785	5.297	27.662	10.551	1.148
15.081	35.248	39.785	5.217	27.662	10.551	1.148
15.106	35.248	39.785	5.137	27.662	10.551	1.148
15.131	35.248	39.785	5.057	27.662	10.551	1.148
15.156	35.248	39.785	4.977	27.662	10.551	1.148
15.181	35.248	39.785	4.897	27.662	10.551	1.148
15.206	35.248	39.785	4.817	27.662	10.551	1.148
15.231	35.248	39.785	4.737	27.662	10.551	1.148
15.256	35.248	39.785	4.657	27.662	10.551	1.148
15.281	35.248	39.785	4.577	27.662	10.551	1.148
15.306	35.248	39.785	4.497	27.662	10.551	1.148
15.331	35.248	39.785	4.417	27.662	10.551	1.148
15.356	35.248	39.785	4.337	27.662	10.551	1.148
15.381	35.248	39.785	4.257	27.662	10.551	1.148
15.406	35.248	39.785	4.177	27.662	10.551	1.148
15.431	35.248	39.785	4.097	27.662	10.551	1.148
15.456	35.248	39.785	4.017	27.662	10.551	1.148
15.481	35.248	39.785	3.937	27.662	10.551	1.148
15.506	35.248	39.785	3.857	27.662	10.551	1.148
15.531	35.248	39.785	3.777	27.662	10.551	1.148
15.556	35.248	39.785	3.697	27.662	10.551	1.148
15.581	35.248	39.785	3.617	27.662	10.551	1.148
15.606	35.248	39.785	3.537	27.662	10.551	1.148
15.631	35.248	39.785	3.457	27.662	10.551	1.148
15.656	35.248	39.785	3.377	27.662	10.551	1.148
15.681	35.248	39.785	3.297	27.662	10.551	1.148
15.706	35.248	39.785	3.217	27.662	10.551	1.148
15.731	35.248	39.785	3.137	27.662	10.551	1.148
15.756	35.248	39.785	3.057	27.662	10.551	1.148
15.781	35.248	39.785	2.977	27.662	10.551	1.148
15.806	35.248	39.785	2.897	27.662	10.551	1.148
15.831	35.248	39.785	2.817	27.662	10.551	1.148
15.856	35.248	39.785	2.737	27.662	10.551	1.148
15.881	35.248	39.785	2.657	27.662	10.551	1.148
15.906	35.248	39.785	2.577	27.662	10.551	1.148
15.931	35.248	39.785	2.497	27.662	10.551	1.148
15.956	35.248	39.785	2.417	27.662	10.551	1.148
15.981	35.248	39.785	2.337	27.662	10.551	1.148
16.006	35.248	39.785	2.257	27.662	10.551	1.148
16.031	35.248	39.785	2.177	27.662	10.551	1.148
16.056	35.248	39.785	2.097	27.662	10.551	1.148
16.081	35.248	39.785	2.017	27.662	10.551	1.148
16.106	35.248	39.785	1.937	27.662	10.551	1.148
16.131	35.248	39.785	1.857	27.662	10.551	1.148
16.156	35.248	39.785	1.777	27.662	10.551	1.148
16.181	35.248	39.785	1.697	27.662	10.551	1.148
16.206	35.248	39.785	1.617	27.662	10.551	1.148
16.231	35.248	39.785	1.537	27.662	10.551	1.148
16.256	35.248	39.785	1.457	27.662	10.551	1.148
16.281	35.248	39.785	1.377	27.662	10.551	1.148
16.306	35.248	39.785	1.297	27.662	10.551	1.148
16.331	35.248	39.785	1.217	27.662	10.551	1.148
16.356	35.248	39.785	1.137	27.662	10.551	1.148
16.381	35.248	39.785	1.057	27.662	10.551	1.148
16.406	35.248	39.785	0.977	27.662	10.551	1.148
16.431	35.248	39.785	0.897	27.662	10.551	1.148
16.456	35.248	39.785	0.817	27.662	10.551	1.148
16.481	35.248	39.785	0.737	27.662	10.551	1.148
16.506	35.248	39.785	0.657	27.662	10.551	1.148
16.531	35.248	39.785	0.577	27.662	10.551	1.148
16.556	35.248	39.785	0.497	27.662	10.551	1.148
16.581	35.248	39.785	0.417	27.662	10.551	1.148
16.606	35.248	39.785	0.337	27.662	10.551	1.148
16.631	35.248	39.785	0.257	27.662	10.551	1.148
16.656	35.248	39.785	0.177	27.662	10.551	1.148
16.681	35.248	39.785	0.097	27.662	10.551	1.148
16.706	35.248	39.785	0.017	27.662	10.551	1.148
16.731	35.248	39.785	0.000	27.662	10.551	1.148
16.756	35.248	39.785	0.000	27.662	10.551	1.148
16.781	35.248	39.785	0.000	27.662	10.551	1.148
16.806	35.248	39.785	0.000	27.662	10.551	1.148
16.831	35.248	39.785	0.000	27.662	10.551	1.148
16.856	35.248	39.785	0.000	27.662	10.551	1.148
16.881	35.248	39.785	0.000	27.662	10.551	1.148
16.906	35.248	39.785	0.000	27.662	10.551	1.148
16.931	35.248	39.785	0.000	27.662	10.551	1.148
16.956	35.248	39.785	0.000	27.662	10.551	1.148
16.981	35.248	39.785	0.000	27.662	10.551	1.148
17.006	35.248	39.785	0.000	27.662	10.551	1.148
17.031	35.248	39.785	0.000	27.662	10.551	1.148
17.056	35.248	39.785	0.000	27.662	10.551	1.148
17.081	35.248	39.785	0.000	27.662	10.551	1.148
17.106	35.248	39.785	0.000	27.662	10.551	1.148
17.131	35.248	39.785	0.000	27.662	10.551	1.148
17.156	35.248	39.785	0.000	27.662	10.551	1.148
17.181	35.248	39.785	0.000	27.662	10.551	1.148
17.206	35.248	39.785	0.000	27.662	10.551	1.148
17.231	35.248	39.785	0.000	27.662	10.551	1.148
17.256	35.248	39.785	0.000	27.662	10.551	1.148
17.281	35.248	39.785	0.000	27.662	10.551	1.148
17.306	35.248	39.785	0.000	27.662	10.551	1.148
17.331	35.248	39.785	0.000	27.662	10.551	1.148
17.356	35.248	39.78				



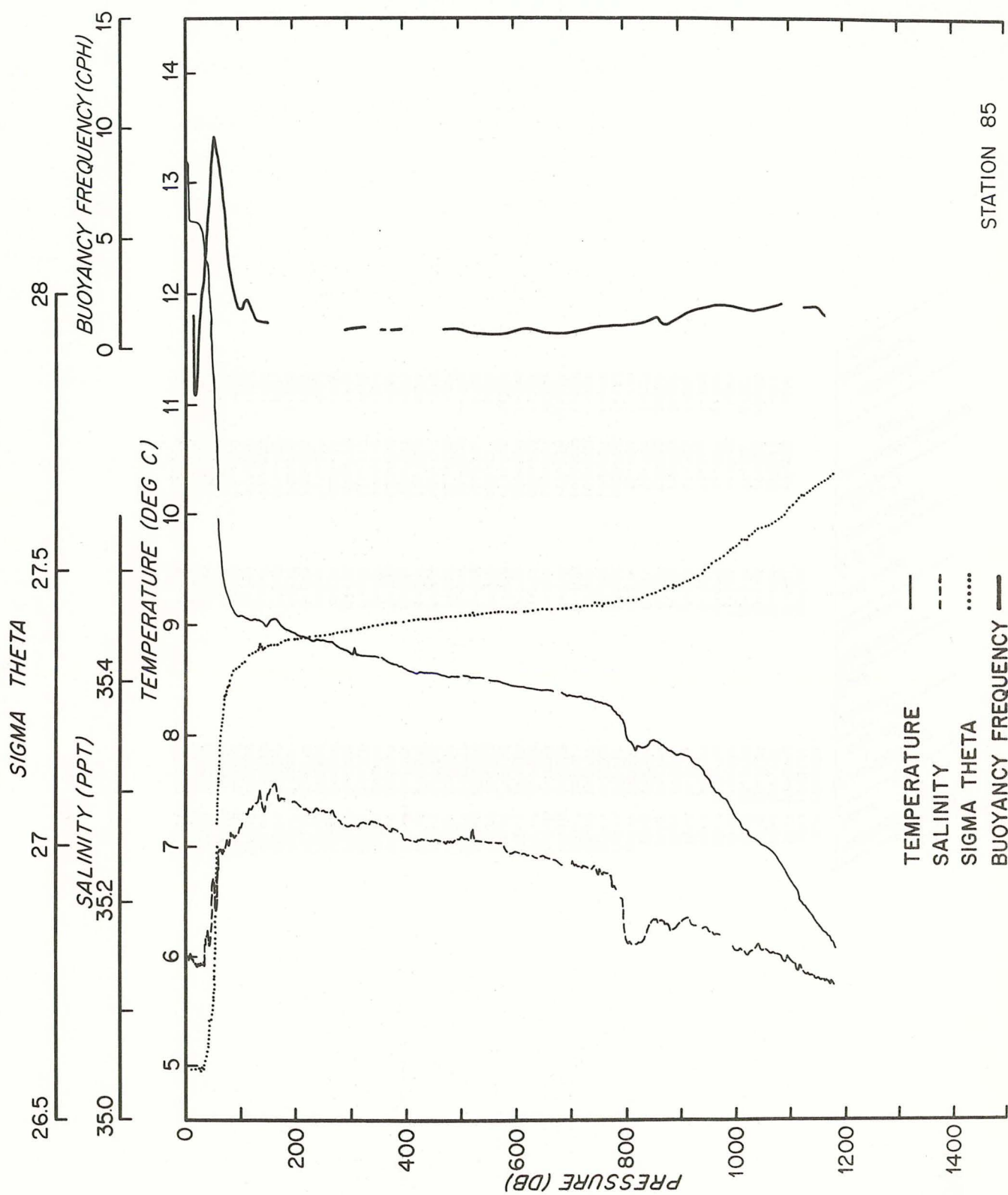
STATION 84

NO LISTING AVAILABLE



STATION 85

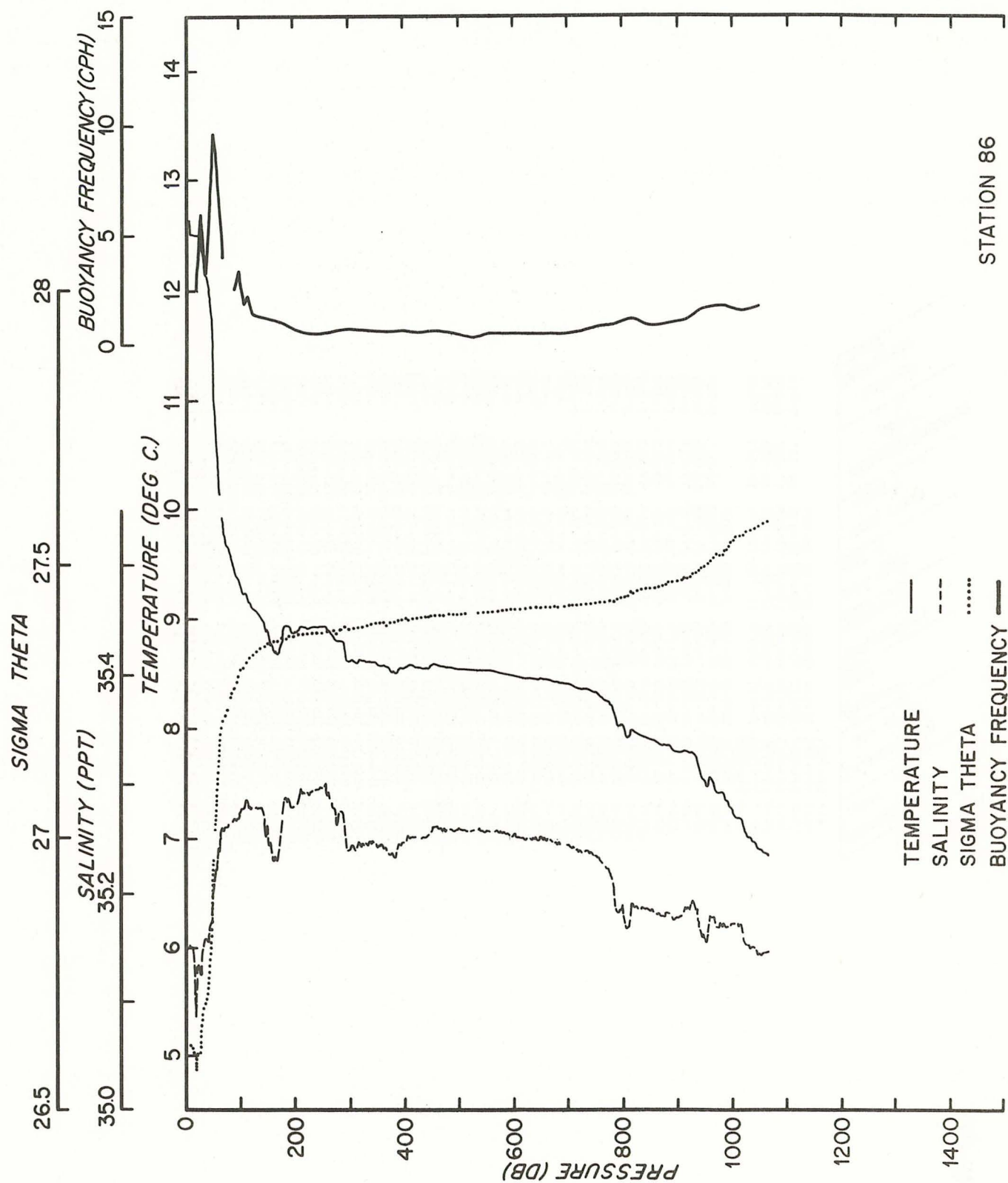
TEMPERATURE (deg C)	SALINITY (ppt)	CONDUCTIVITY (mmho/cm)	POT. TEMP. (deg C)	SIGMA THETA (gm/m ³)	AVERAGED PRESSURE (dbar)	BUOYANCY FREQUENCY (cpH)
14.8309	35.148	40.750	12.660	26.592	10.733	1.300
7.8	12.6615	35.148	40.781	26.595	10.733	2.342
13.7	12.6486	35.148	40.779	26.592	14.467	2.128
15.3	12.6491	35.145	40.775	26.590	17.983	2.154
20.7	12.6467	35.141	40.775	26.590	20.283	3.133
27.9	12.6211	35.148	40.760	26.500	26.500	5.772
35.2	12.6795	35.141	40.619	26.623	31.533	9.495
42.7	12.2225	35.177	40.412	26.701	38.933	8.290
51.0	11.1094	35.213	39.379	11.103	26.939	6.568
59.2	9.9829	35.183	38.277	9.976	27.116	4.077
67.8	9.4857	35.243	37.468	9.478	27.448	2.527
76.3	9.2845	35.257	37.655	9.276	27.592	1.731
85.2	9.1543	35.260	37.579	9.146	27.316	1.573
93.9	9.1034	35.260	37.553	9.093	27.324	2.074
102.4	9.1012	35.268	37.543	9.090	27.330	1.685
111.0	9.0864	35.279	37.544	9.074	27.342	1.129
119.3	9.0649	35.284	37.532	9.052	27.349	1.015
128.4	9.0718	35.290	37.538	9.058	27.352	2.114
168.3	9.0504	35.301	37.557	9.032	27.385	1.716
144.2	8.9338	35.321	37.454	8.918	27.399	1.797
260.7	8.8612	35.283	37.402	8.833	27.381	1.601
312.7	8.7537	35.270	37.312	8.720	27.388	1.780
335.4	8.7384	35.272	37.310	8.702	27.392	1.857
338.8	8.7378	35.273	37.311	8.701	27.393	1.747
342.6	8.7368	35.273	37.312	8.700	27.393	1.690
346.2	8.7299	35.273	37.307	8.699	27.394	2.078
358.6	8.7067	35.270	37.289	8.693	27.394	1.638
362.8	8.6975	35.269	37.281	8.688	27.396	1.552
364.6	8.6843	35.269	37.281	8.658	27.396	1.552
374.1	8.6728	35.268	37.282	8.645	27.398	1.552
404.4	8.5952	35.257	37.191	8.632	27.399	1.552
435.2	8.5768	35.257	37.197	8.552	27.403	1.552
454.8	8.5522	35.254	37.179	8.528	27.406	1.552
472.9	8.5569	35.258	37.196	8.501	27.407	1.552
492.5	8.5328	35.256	37.192	8.475	27.410	1.552
538.7	8.4669	35.244	37.140	8.404	27.413	1.552
587.0	8.4149	35.242	37.117	8.345	27.420	1.552
649.0	8.3618	35.234	37.083	8.286	27.421	1.552
704.1	8.3048	35.230	37.046	8.224	27.427	1.552
750.0	8.2547	35.167	36.610	8.161	27.431	1.552
798.0	8.1958	35.185	36.724	8.093	27.445	1.552
843.9	8.1368	35.186	36.721	8.024	27.446	1.552
882.8	8.0798	35.172	36.632	7.954	27.449	1.552
933.6	8.0227	35.177	36.509	7.884	27.449	1.552
990.4	7.9677	35.161	36.130	7.814	27.478	1.552
1060.1	7.9127	35.154	35.852	7.744	27.526	1.552
1108.5	7.8577	35.144	35.551	7.674	27.567	1.552
1158.0	7.8027	35.140	35.462	7.604	27.608	1.552
1207.4	7.7477	35.136	35.364	7.534	27.649	1.552
1256.8	7.6927	35.131	35.188	7.464	27.689	1.552
1306.3	7.6377	35.126	35.141	7.394	27.729	1.552
1355.7	7.5827	35.126	35.079	7.324	27.769	1.552
1405.1	7.5277	35.126	35.017	7.254	27.809	1.552
1454.5	7.4727	35.126	34.955	7.184	27.849	1.552
1503.9	7.4177	35.126	34.893	7.114	27.889	1.552
1553.3	7.3627	35.126	34.831	7.044	27.929	1.552
1602.7	7.3077	35.126	34.769	6.974	27.969	1.552
1652.1	7.2527	35.126	34.707	6.904	28.009	1.552
1701.5	7.1977	35.126	34.645	6.834	28.049	1.552
1750.9	7.1427	35.126	34.583	6.764	28.089	1.552
1800.3	7.0877	35.126	34.521	6.694	28.129	1.552
1849.7	7.0327	35.126	34.459	6.624	28.169	1.552
1899.1	6.9777	35.126	34.397	6.554	28.209	1.552
1948.5	6.9227	35.126	34.335	6.484	28.249	1.552
1997.9	6.8677	35.126	34.273	6.414	28.289	1.552
2047.3	6.8127	35.126	34.211	6.344	28.329	1.552
2096.7	6.7577	35.126	34.149	6.274	28.369	1.552
2146.1	6.7027	35.126	34.087	6.204	28.409	1.552
2195.5	6.6477	35.126	34.025	6.134	28.449	1.552
2244.9	6.5927	35.126	33.963	6.064	28.489	1.552
2294.3	6.5377	35.126	33.901	5.994	28.529	1.552
2343.7	6.4827	35.126	33.839	5.924	28.569	1.552
2393.1	6.4277	35.126	33.777	5.854	28.609	1.552
2442.5	6.3727	35.126	33.715	5.784	28.649	1.552
2491.9	6.3177	35.126	33.653	5.714	28.689	1.552
2541.3	6.2627	35.126	33.591	5.644	28.729	1.552
2590.7	6.2077	35.126	33.529	5.574	28.769	1.552
2640.1	6.1527	35.126	33.467	5.504	28.809	1.552
2689.5	6.0977	35.126	33.405	5.434	28.849	1.552
2738.9	6.0427	35.126	33.343	5.364	28.889	1.552
2788.3	5.9877	35.126	33.281	5.294	28.929	1.552
2837.7	5.9327	35.126	33.219	5.224	28.969	1.552
2887.1	5.8777	35.126	33.157	5.154	29.009	1.552
2936.5	5.8227	35.126	33.095	5.084	29.049	1.552
2985.9	5.7677	35.126	33.033	5.014	29.089	1.552
3035.3	5.7127	35.126	32.971	4.944	29.129	1.552
3084.7	5.6577	35.126	32.909	4.874	29.169	1.552
3134.1	5.6027	35.126	32.847	4.804	29.209	1.552
3183.5	5.5477	35.126	32.785	4.734	29.249	1.552
3232.9	5.4927	35.126	32.723	4.664	29.289	1.552
3282.3	5.4377	35.126	32.661	4.594	29.329	1.552
3331.7	5.3827	35.126	32.599	4.524	29.369	1.552
3381.1	5.3277	35.126	32.537	4.454	29.409	1.552
3430.5	5.2727	35.126	32.475	4.384	29.449	1.552
3479.9	5.2177	35.126	32.413	4.314	29.489	1.552
3529.3	5.1627	35.126	32.351	4.244	29.529	1.552
3578.7	5.1077	35.126	32.289	4.174	29.569	1.552
3628.1	5.0527	35.126	32.227	4.104	29.609	1.552
3677.5	4.9977	35.126	32.165	4.034	29.649	1.552
3726.9	4.9427	35.126	32.103	3.964	29.689	1.552
3776.3	4.8877	35.126	32.041	3.894	29.729	1.552
3825.7	4.8327	35.126	31.979	3.824	29.769	1.552
3875.1	4.7777	35.126	31.917	3.754	29.809	1.552
3924.5	4.7227	35.126	31.855	3.684	29.849	1.552
3973.9	4.6677	35.126	31.793	3.614	29.889	1.552
4023.3	4.6127	35.126	31.731	3.544	29.929	1.552
4072.7	4.5577	35.126	31.669	3.474	29.969	1.552
4122.1	4.5027	35.126	31.607	3.404	30.009	1.552
4171.5	4.4477	35.126	31.545	3.334	30.049	1.552
4220.9	4.3927	35.126	31.483	3.264	30.089	1.552
4270.3	4.3377	35.126	31.421	3.194	30.129	1.552
4319.7	4.2827	35.126	31.359	3.124	30.169	1.552
4369.1	4.2277	35.126	31.297	3.054	30.209	1.552
4418.5	4.1727	35.126	31.235	2.984	30.249	1.552
4467.9	4.1177	35.126	31.173	2.914	30.289	1.552
4517.3	4.0627	35.126	31.111	2.844	30.329	1.552
4566.7	4.0077	35.126	31.049	2.774	30.369	1.552
4616.1	3.9527	35.126	30.987	2.704	30.409	1.552
4665.5	3.8977	35.126	30.925	2.634	30.449	1.552
4714.9	3.8427	35.126	30.863	2.564	30.489	1.552
4764.3	3.7877	35.126	30.801	2.494	30.529	1.552
4813.7	3.7327	35.126	30.739	2.424	30.569	1.552
4863.1	3.6777	35.126	30.677	2.354	30.609	1.552
4912.5	3.6227	35.126	30.615	2.284	30.649	1.552
4961.9	3.5677	35.126	30.553	2.214	30.689	1.552
5011.3	3.5127	35.126	30.491	2.144	30.729	1.552
5060.7	3.4577	35.126	30.429	2.074	30.769	1.552
5110.1	3.4027	35.126	30.367	2.004	30.809	1.552
5159.5	3.3477	35.126	30.305	1.934	30.849	1.552
5208.9	3.2927	35.126	30.243	1.864	30.889	1.552
5258.3	3.2377	35.126	30.181	1.794	30.929	1.552
5307.7	3.1827	35.126	30.119	1.724	30.969	1.552
5357.1	3.1277	35.126	30.057	1.654	31.009	1.552
5406.5	3.0727	35.126	29.995	1.584	31.049	1.552
5455.9	3.0177	35.126	29.933	1.514	31.089	1.552
5505.3	2.9627	35.126	29.871	1.444	31.129	1.552
5554.7	2.9077	35.126	29.809	1.374	31.169	1.552
5604.1	2.8527	35.126	29.747	1.304	31.209	1.552
5653.5	2.7977	35.126	29.685	1.234	31.249	1.552
5702.9	2.7427	35.126	29.623	1.164	31.289	1.552
5752.3	2.6877	35.126	29.561	1.094	31.329	1.552
5801.7	2.6327	35.126	29.499	1.024	31.369	1.552
5851.1	2.5777	35.126	29.437	0.954	31.409	1.552
5900.5	2.5227	35.126	29.375	0.884	31.449	1.552
5949.9	2.4677	35.126	29.313	0.814	31.489	1.552
5999.3	2.4127	35.126	29.251	0.744	31.529	1.552
6048.7	2.3577	35.126	29.189	0.674	31.569	1.552
6098.1	2.3027	35.126	29.127	0.604	31.609	1.552
6147.5	2.2477	35.126	29.065	0.534	31.649	1.552
6196.9	2.1927	35.126	29.003	0.464	31.689	1.552
6246.3	2.1377	35.126	28.941	0.394	31.729	1.552
6295.7	2.0827	35.126	28.879	0.324	31.769	1.552
6345.1	2.0277	35.126	28.817	0.254	31.809	1.552



STATION 85

STATION 86

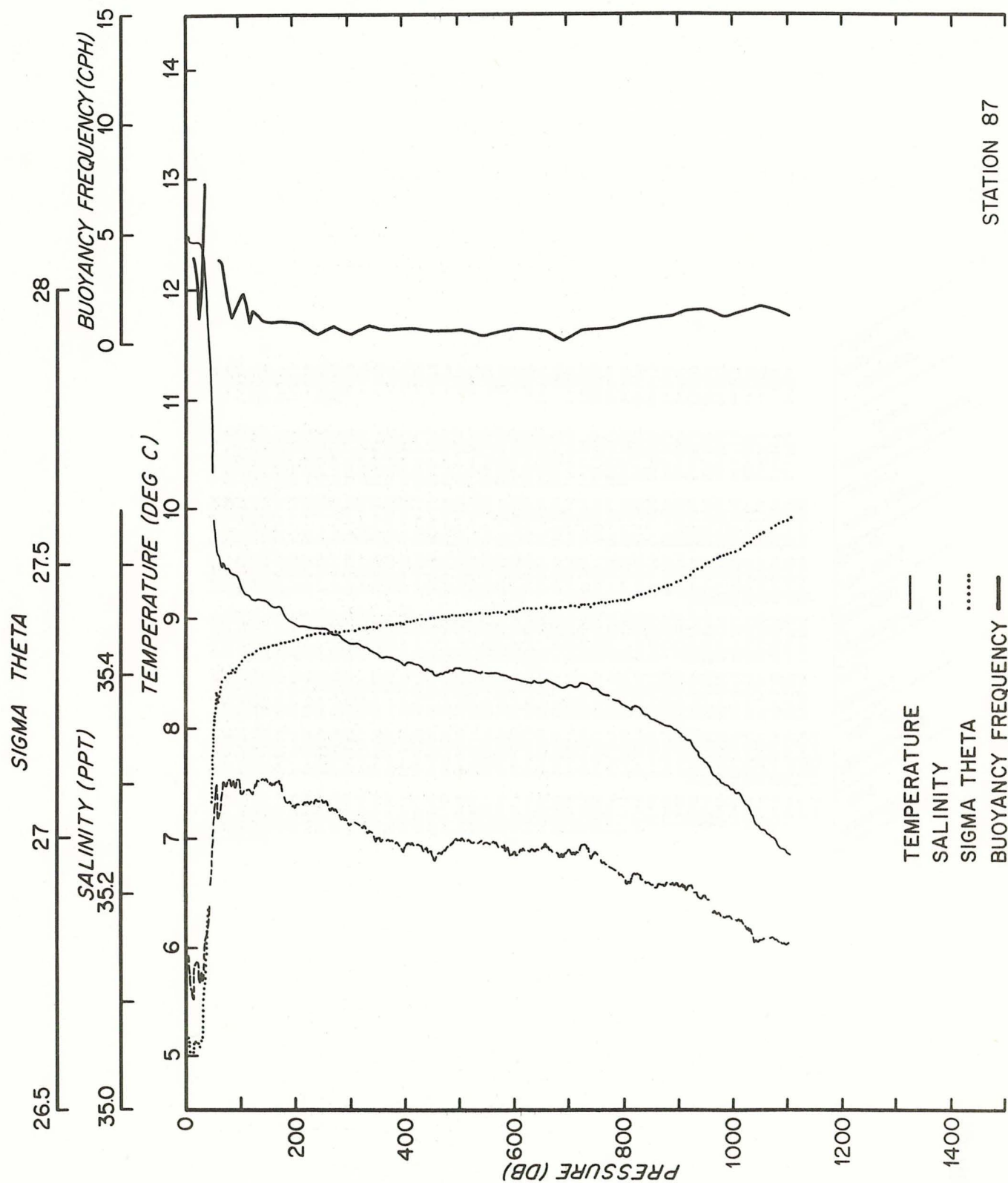
TEMPERATURE (deg C)	SALINITY (ppt)	CONDUCTIVITY (mmho/cm)	POT. TEMP. (deg C)	SIGMA THETA (gm/m ³)	AVERAGED PRESSURE (dbar)	BUOYANCY FREQUENCY (cpH)
5.4	13.0932					
11.8	12.5121		12.511		15.233	.761
18.7	12.5022		12.501		22.417	.874
26.1	12.4880		12.486		29.850	4.040
33.6	12.1655		12.163		37.550	2.597
41.5	12.0198		12.016		44.300	4.225
48.3	11.6843		11.681		51.967	5.716
55.7	10.6766		10.673		59.683	5.262
63.7	9.9238		9.920		67.750	2.896
71.8	9.6771		9.673		75.883	2.009
80.0	9.5545		9.550		83.200	2.250
86.4	9.4304		9.425		90.967	1.703
95.5	9.3294		9.324		98.433	1.970
101.4	9.2405		9.235		105.750	1.413
110.1	9.1718		9.166		114.267	1.489
118.4	9.0990		9.092		122.333	.918
128.3	9.0729		9.066		141.483	1.618
156.7	8.7464		8.738		172.250	1.176
187.8	8.9258		8.915		202.883	.269
218.0	8.9363		8.924		232.883	.157
242.4	8.9408		8.927		262.953	1.035
278.6	8.8098		8.795		294.700	1.229
310.8	8.6142		8.598		326.217	.085
341.6	8.6150		8.597		358.350	.753
375.1	8.5398		8.520		39.900	.588
408.7	8.5827		8.561		423.533	.167
442.4	8.5807		8.557		457.717	.298
473.1	8.5718		8.546		490.500	.331
507.9	8.5590		8.531		522.567	.241
537.2	8.5541		8.525		553.233	.444
569.3	8.5318		8.501		585.317	.548
602.4	8.4959		8.463		618.717	.438
635.1	8.4718		8.437		650.783	.430
668.5	8.4518		8.415		682.117	.522
697.7	8.4218		8.384		713.367	.613
729.0	8.3798		8.340		745.283	.882
761.6	8.2873		8.246		778.133	1.382
794.7	8.0494		8.008		811.767	.841
828.8	7.9583		7.915		845.233	.736
861.6	7.8917		7.847		877.750	.842
893.9	7.8052		7.760		910.700	.573
927.5	7.7643		7.717		944.367	1.355
961.2	7.5241		7.477		978.317	1.318
995.4	7.2863		7.239		1012.45	1.382
1025.5	7.0177		6.971		1044.95	1.056
1060.4	6.8720		6.825			



STATION 86

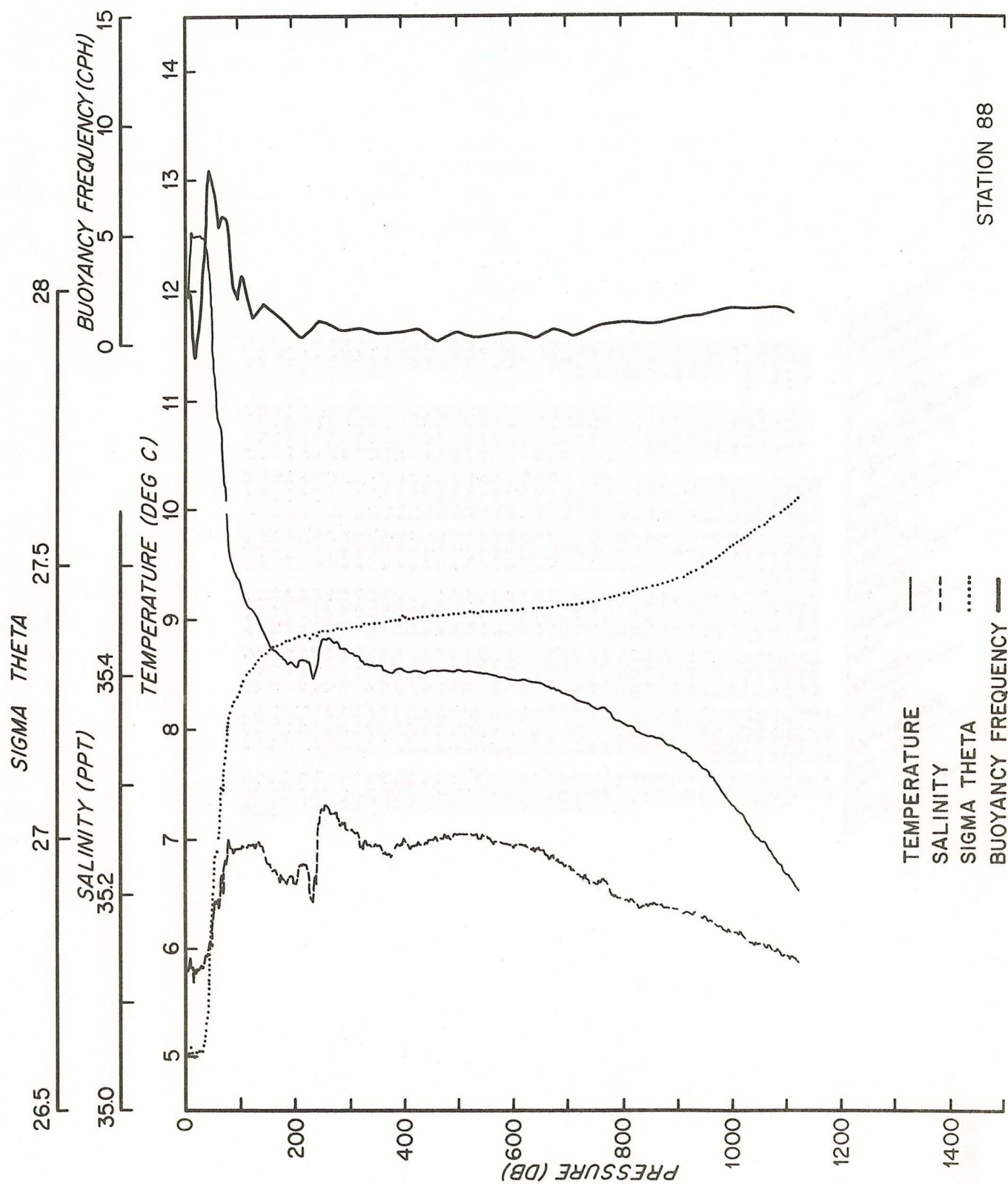
STATION 87

TEMPERATURE (dbar)	SALINITY (deg C)	CONDUCTIVITY (mmho/cm)	POT. TEMP. (deg C)	SIGMA THETA (gm/m ³)	AVERAGED PRESSURE (dbar)	BUOYANCY FREQUENCY (cpH)
12.4981	35.104	40.528	12.432	26.503		
14.3	35.112	40.536	12.432	26.609	14.917	3.918
15.5	35.138	40.568	12.434	26.629	17.917	3.622
20.3	35.128	40.505	12.374	26.633	24.933	1.174
29.6	35.161	39.979	11.789	26.771	33.633	7.353
37.7	35.135					
46.0	35.272	38.199	9.806	27.215		
54.4	35.268	37.855	9.580	27.249	58.017	3.939
61.6	35.298	37.866	9.525	27.283	65.300	3.781
69.0	35.299	37.898	9.448	27.296	72.717	2.406
76.5	35.299	37.871	9.415	27.301	80.667	1.1374
84.9	35.304	37.855	9.388	27.309	89.533	1.698
94.2	35.304	37.855	9.388	27.309	97.933	2.083
101.7	35.293	37.746	9.279	27.319	105.333	2.316
109.0	35.286	37.693	9.216	27.331	113.933	1.080
119.0	35.295	37.671	9.189	27.335	121.450	1.544
123.9	35.295	37.655	9.168	27.338	130.983	1.032
128.0	35.299	37.630	9.117	27.349	140.983	1.105
139.8	35.284	37.500	8.976	27.360	173.900	1.986
222.1	35.284	37.458	8.914	27.369	205.917	4.466
253.8	35.284	37.466	8.903	27.371	237.917	8.827
284.1	35.271	37.376	8.803	27.376	268.933	4.72
316.3	35.262	37.331	8.746	27.378	300.200	8.71
347.7	35.248	37.261	8.661	27.384	331.983	6.39
380.3	35.248	37.261	8.610	27.387	364.000	7.40
421.9	35.247	37.197	8.557	27.394	401.100	6.48
453.3	35.230	37.101	8.454	27.396	432.583	6.48
485.4	35.246	37.179	8.502	27.401	469.367	6.48
517.9	35.250	37.194	8.495	27.405	501.650	6.66
549.5	35.246	37.182	8.468	27.405	533.667	6.348
580.8	35.244	37.175	8.445	27.407	565.133	5.20
612.7	35.239	37.137	8.391	27.410	596.750	7.02
643.1	35.241	37.142	8.377	27.414	627.883	6.35
673.3	35.240	37.138	8.356	27.416	658.187	5.83
704.9	35.237	37.134	8.337	27.415	689.100	5.197
735.3	35.242	37.159	8.340	27.419	720.133	6.43
767.3	35.228	37.075	8.247	27.422	751.300	6.96
797.0	35.215	36.994	8.157	27.425	782.117	7.72
829.4	35.216	36.959	8.101	27.434	813.167	9.92
862.7	35.210	36.868	7.990	27.445	844.033	1.155
897.0	35.211	36.796	7.894	27.460	875.867	1.292
928.0	35.204	36.657	7.734	27.479	912.533	1.506
962.3	35.193	36.424	7.488	27.498	945.100	1.513
995.8	35.179	36.335	7.377	27.511	979.033	1.234
1028.5	35.166	36.159	7.184	27.528	1012.13	1.448
1061.8	35.159	35.968	6.967	27.554	1045.12	1.713
1092.4	35.156	35.846	6.822	27.571	1077.08	1.479
1100.2	35.154	35.819	6.791	27.574	1096.28	1.255



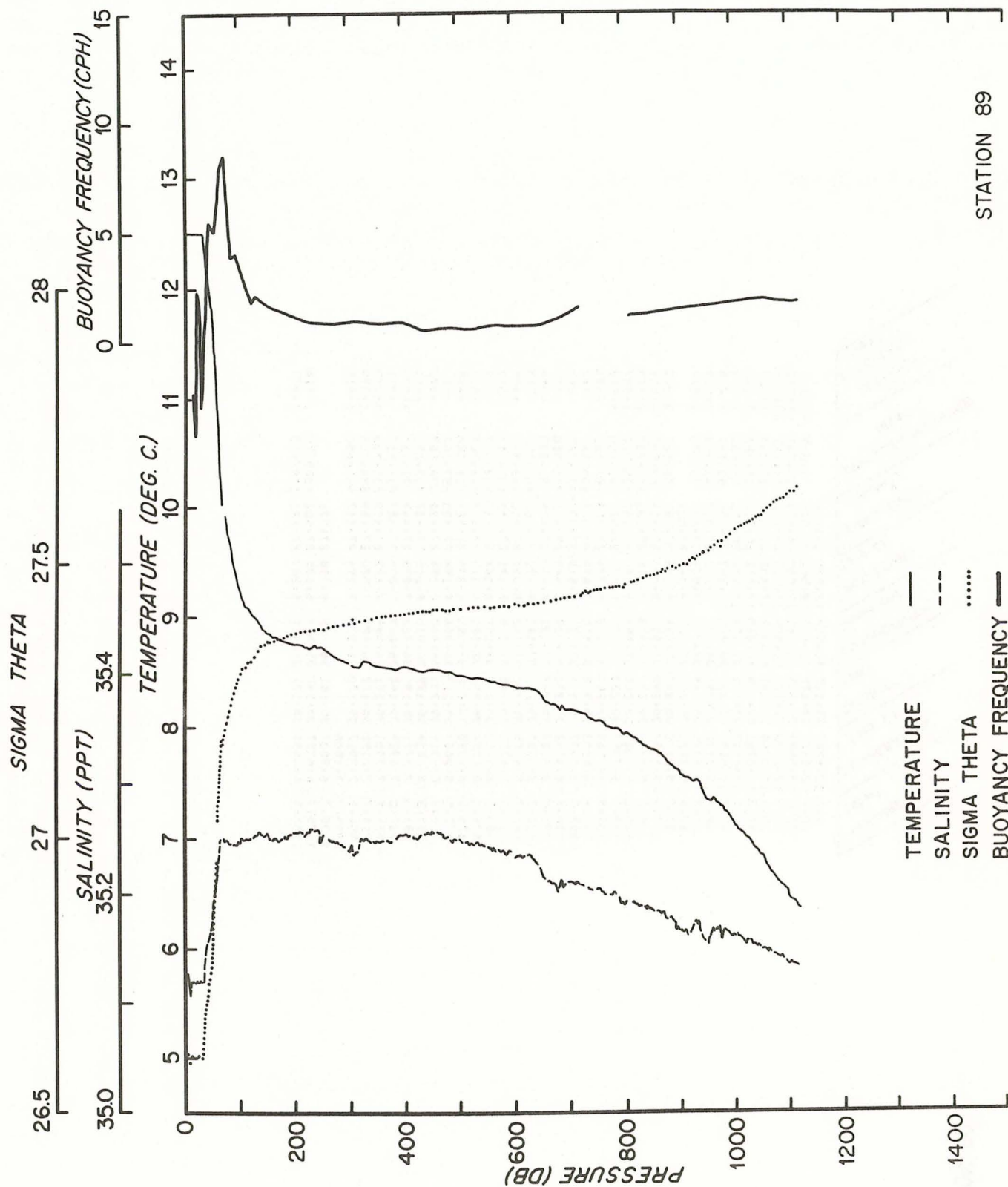
STATION 88

PRESSURE (dbar)	TEMPERATURE (deg C)	SALINITY (ppt)	CONDUCTIVITY (mmho/cm)	POT. TEMP. (deg C)	SIGMA THETA (gm/m ³)	AVERAGED PRESSURE (dbar)	BUOYANCY FREQUENCY (cpH)
8.2	11.9480	35.130	40.656	12.540	26.602		
8.1	12.5414	35.133	40.625	12.502	26.612	10.733	2.399
13.4	12.5036	35.133	40.623	12.500	26.611	14.167	.501
14.9	12.5016	35.133	40.623	12.500	26.611	19.517	.562
24.9	12.5031	35.131	40.628	12.484	26.614	28.667	1.173
32.4	12.4881	35.131	40.617	12.484	26.614	36.717	4.874
41.0	12.2067	35.143	40.361	12.201	26.678	36.717	8.023
50.0	11.2889	35.153	39.491	11.283	26.860	45.883	8.923
57.4	10.8326	35.192	39.096	10.826	26.973	53.700	4.923
65.8	10.4537	35.206	38.751	10.446	27.052	61.817	3.450
75.5	9.9755	35.233	38.326	9.967	27.156	70.667	3.847
83.2	9.5951	35.240	37.932	9.540	27.234	79.383	3.692
91.9	9.4214	35.241	37.815	9.411	27.256	87.550	2.849
100.5	9.3513	35.241	37.753	9.340	27.268	96.200	2.100
108.1	9.2990	35.242	37.623	9.197	27.293	104.333	3.228
116.8	9.1183	35.246	37.545	9.105	27.310	112.467	2.550
126.5	9.0007	35.246	37.523	9.077	27.315	121.850	1.281
159.8	8.7950	35.221	37.189	8.728	27.351	143.167	1.888
195.8	8.6347	35.217	37.097	8.614	27.365	177.833	1.154
229.3	8.5382	35.198	37.004	8.514	27.366	212.583	.387
265.2	8.5328	35.278	37.373	8.804	27.381	247.883	1.137
299.6	8.7117	35.259	37.256	8.679	27.386	282.833	.728
333.7	8.6122	35.246	37.166	8.577	27.392	316.850	.818
366.9	8.5194	35.236	37.112	8.510	27.394	350.500	.574
410.1	8.5889	35.242	37.136	8.505	27.398	388.517	.614
443.4	8.5517	35.251	37.162	8.504	27.405	426.767	.807
475.9	8.5598	35.252	37.186	8.509	27.405	459.683	.238
511.3	8.5518	35.255	37.197	8.497	27.408	493.600	.624
548.1	8.5348	35.253	37.195	8.476	27.409	528.700	.373
583.1	8.4823	35.247	37.165	8.429	27.411	565.617	.550
619.6	8.4886	35.247	37.159	8.402	27.415	601.367	.627
654.4	8.4403	35.242	37.142	8.370	27.415	637.017	.351
690.4	8.3489	35.230	37.061	8.275	27.420	672.417	.779
724.0	8.2712	35.214	36.989	8.194	27.420	707.200	.419
761.6	8.2198	35.213	36.956	8.138	27.427	742.767	.842
797.0	8.0508	35.198	36.826	7.996	27.436	779.283	1.040
833.6	7.9728	35.190	36.734	7.885	27.447	815.283	1.057
875.4	7.8933	35.187	36.676	7.801	27.456	854.467	.958
917.3	7.7711	35.185	36.578	7.675	27.473	896.317	1.217
963.5	7.5649	35.176	36.397	7.465	27.496	940.367	1.387
1006.4	7.2857	35.165	36.147	7.184	27.529	984.917	1.698
1047.3	7.0177	35.155	35.906	6.913	27.558	1026.85	1.671
1085.7	6.7171	35.150	35.705	6.680	27.586	1066.50	1.683
1101.4	6.6771	35.145	35.606	6.570	27.598	1093.55	1.686
1117.2	6.5691	35.136	35.505	6.461	27.605	1109.33	1.443



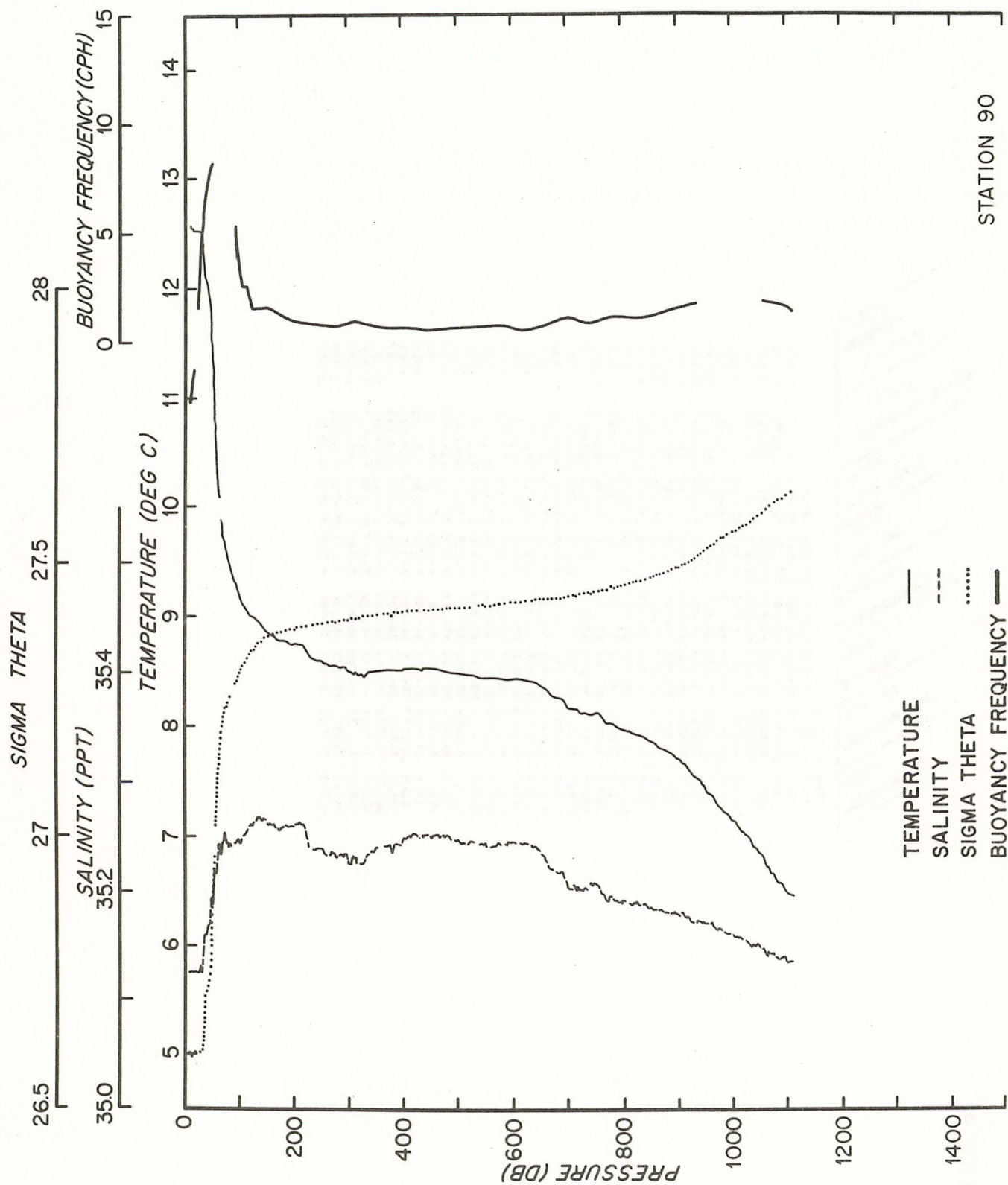
STATION 89

PRESSURE (dbar)	TEMPERATURE (deg C)	SALINITY (ppt)	CONDUCTIVITY (mmho/cm)	POT. TEMP. (deg C)	SIGMA THETA (gm/m ³)	AVERAGED PRESSURE (dbar)	BUOYANCY (cpb)
15.396	35.12	40.61	12.503	26.602	8.333	2.446	2.446
7.8	12.502	35.12	12.506	26.602	8.333	2.446	2.446
8.9	12.507	35.12	12.506	26.602	8.333	2.446	2.446
10.9	12.502	35.105	12.501	26.602	8.333	2.446	2.446
19.2	12.5005	35.121	12.498	26.603	15.050	1.500	1.500
20.5	12.5007	35.124	12.498	26.604	19.883	3.071	3.071
21.9	12.5072	35.118	12.504	26.600	21.233	3.071	3.071
31.2	12.5061	35.119	12.502	26.601	26.550	3.071	3.071
41.2	12.1651	35.153	12.160	26.693	36.183	3.071	3.071
50.6	11.8532	35.167	11.847	26.765	45.931	4.991	4.991
60.4	11.0120	35.212	11.005	26.956	55.533	7.882	7.882
70.3	9.9328	35.250	9.925	27.177	65.367	9.435	9.435
80.2	9.6602	35.248	9.651	27.222	75.267	9.435	9.435
88.0	9.4237	35.244	9.414	27.259	84.100	3.830	3.830
97.5	9.2170	35.233	9.206	27.292	92.733	3.366	3.366
107.4	9.1144	35.228	9.103	27.313	102.450	2.587	2.587
115.5	9.0699	35.228	9.057	27.320	111.467	1.674	1.674
124.8	9.0101	35.250	8.997	27.331	120.150	1.080	1.080
132.2	8.8304	35.248	8.813	27.359	143.467	1.552	1.552
139.3	8.7712	35.255	8.750	27.373	180.750	1.111	1.111
238.3	8.7412	35.257	8.716	27.379	217.817	0.769	0.769
274.8	8.6512	35.245	8.622	27.384	255.567	0.715	0.715
344.5	8.5684	35.238	8.535	27.392	294.667	0.831	0.831
353.3	8.5758	35.246	8.538	27.397	333.900	0.702	0.702
405.7	8.5529	35.253	8.509	27.406	380.000	0.770	0.770
485.2	8.5460	35.233	8.498	27.408	426.450	0.407	0.407
487.4	8.4975	35.246	8.445	27.410	466.817	0.505	0.505
526.9	8.4717	35.243	8.415	27.411	507.183	0.436	0.436
567.3	8.4238	35.237	8.363	27.414	547.133	0.597	0.597
609.7	8.3822	35.234	8.317	27.419	588.500	0.632	0.632
650.6	8.3618	35.213	8.193	27.421	630.133	0.635	0.635
690.5	8.1867	35.210	8.113	27.420	670.550	0.924	0.924
728.4	8.1148	35.226	8.038	27.453	709.667	1.445	1.445
774.4	8.0224	35.197	7.941	27.445	751.400	0.639	0.639
819.0	7.9018	35.199	7.816	27.457	796.683	1.028	1.028
863.5	7.7618	35.181	7.672	27.471	841.267	1.118	1.118
901.1	7.5762	35.184	7.483	27.485	882.333	1.246	1.246
938.2	7.4292	35.160	7.333	27.503	919.667	1.330	1.330
978.7	7.2807	35.166	7.182	27.530	958.450	1.541	1.541
1019.6	7.0251	35.156	6.924	27.558	999.167	1.631	1.631
1061.3	6.7367	35.148	6.633	27.592	1040.45	1.771	1.771
1101.4	6.4806	35.136	6.375	27.617	1081.32	1.521	1.521
1112.5	6.4150	35.134	6.309	27.625	1106.95	1.616	1.616



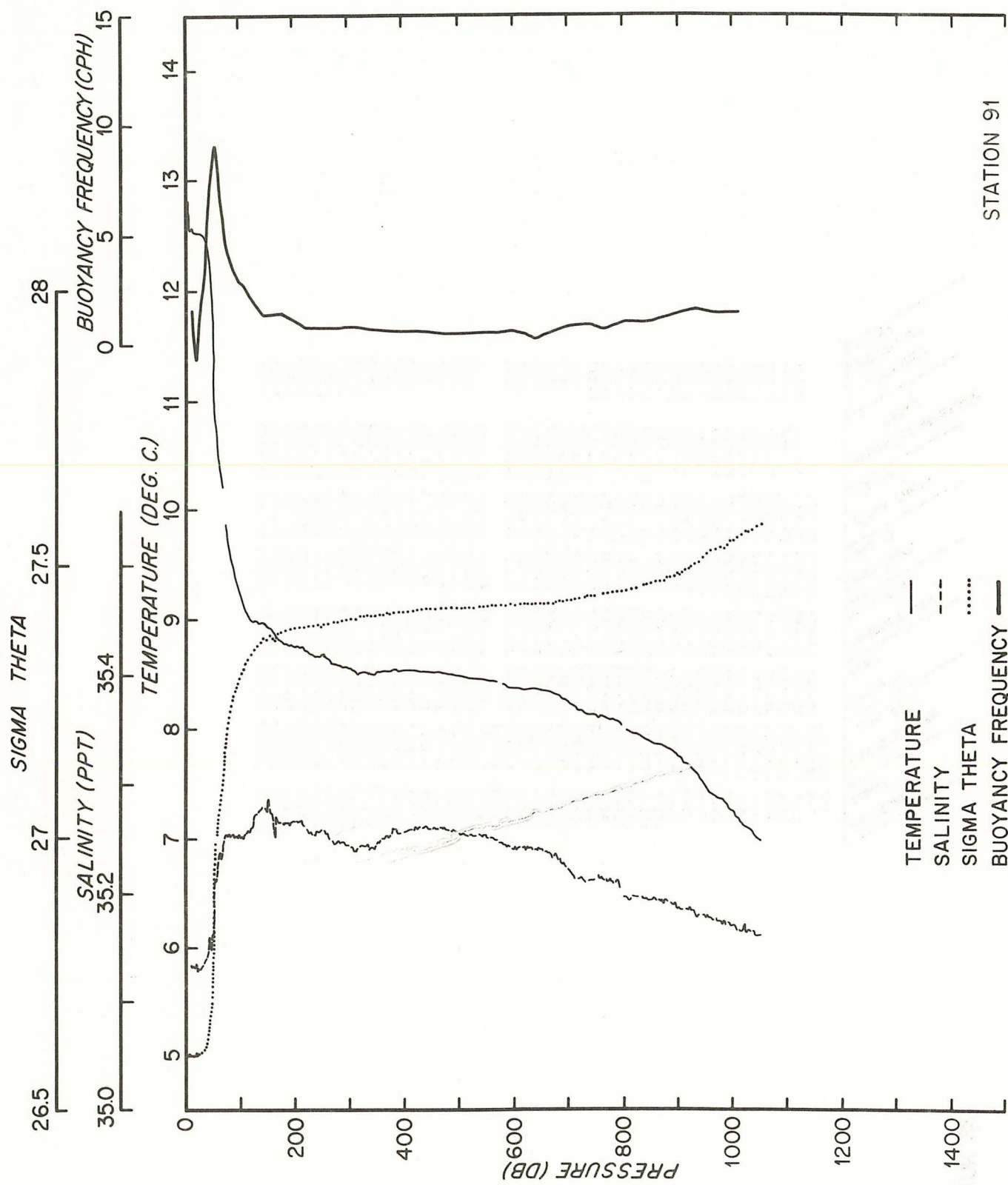
STATION 90

PRESSURE (dbar)	TEMPERATURE (deg C)	SALINITY (ppt)	CONDUCTIVITY (mmho/cm)	POT. TEMP. (deg C)	SIGMA THETA (gm/m ³)	AVERAGED PRESSURE (dbar)	BUOYANCY (gph)
0.0	12.563	35.125	40.636	12.525	26.602	9.367	2.734
10.7	12.562	35.126	40.673	12.561	26.595	9.367	2.734
20.8	12.558	35.118	40.665	12.556	26.589	15.767	1.291
19.6	12.519	35.124	40.634	12.516	26.602	20.217	5.928
30.4	12.506	35.131	40.634	12.502	26.610	25.033	1.537
40.3	12.071	35.159	40.250	12.071	26.715	35.350	5.831
48.6	11.613	35.195	39.698	11.455	26.960	44.450	7.334
57.7	10.538	35.234	38.880	10.557	27.054	53.167	8.248
69.4	9.719	35.245	38.091	9.711	27.209	63.533	6.514
78.7	9.535	35.244	37.915	9.521	27.241	74.033	3.264
87.6	9.333	35.159	37.671	9.344	27.204	82.667	5.349
97.7	9.213	35.247	37.626	9.202	27.295	92.667	2.512
107.4	9.108	35.249	37.532	9.095	27.314	102.567	2.474
118.1	9.028	35.258	37.473	9.016	27.335	112.733	1.527
128.0	9.002	35.262	37.456	8.989	27.342	123.017	1.542
169.6	8.745	35.258	37.275	8.777	27.372	148.800	9.35
209.9	8.768	35.263	37.262	8.734	27.382	189.783	7.41
251.4	8.603	35.238	37.110	8.574	27.388	230.667	6.55
292.3	8.597	35.234	37.077	8.519	27.392	271.867	8.72
330.8	8.472	35.230	37.025	8.444	27.400	311.350	5.66
371.9	8.518	35.243	37.091	8.479	27.404	351.333	5.45
428.2	8.535	35.252	37.141	8.490	27.408	400.050	4.28
469.7	8.518	35.250	37.142	8.468	27.410	448.933	5.14
512.6	8.475	35.245	37.116	8.421	27.412	491.117	5.47
555.5	8.403	35.242	37.099	8.381	27.415	534.017	6.24
596.1	8.439	35.247	37.121	8.375	27.419	575.767	4.85
636.6	8.402	35.242	37.099	8.334	27.421	616.350	6.13
677.5	8.264	35.217	36.966	8.194	27.423	657.067	6.90
715.8	8.134	35.203	36.843	8.056	27.432	696.667	6.95
758.3	8.080	35.199	36.810	8.000	27.437	737.050	1.005
796.0	7.971	35.191	36.723	7.893	27.447	777.150	1.075
837.0	7.824	35.188	36.659	7.805	27.457	816.517	1.399
874.9	7.780	35.181	36.564	7.689	27.469	855.933	1.615
914.7	7.612	35.177	36.428	7.525	27.489	894.753	1.716
954.6	7.391	35.170	36.227	7.294	27.517	934.650	1.473
995.2	7.150						
1035.7	6.907	35.151	35.789	6.798	27.571		
1075.7	6.627	35.142	35.548	6.525	27.602	1055.70	
1108.5	6.466	35.137	35.411	6.363	27.620	1092.12	



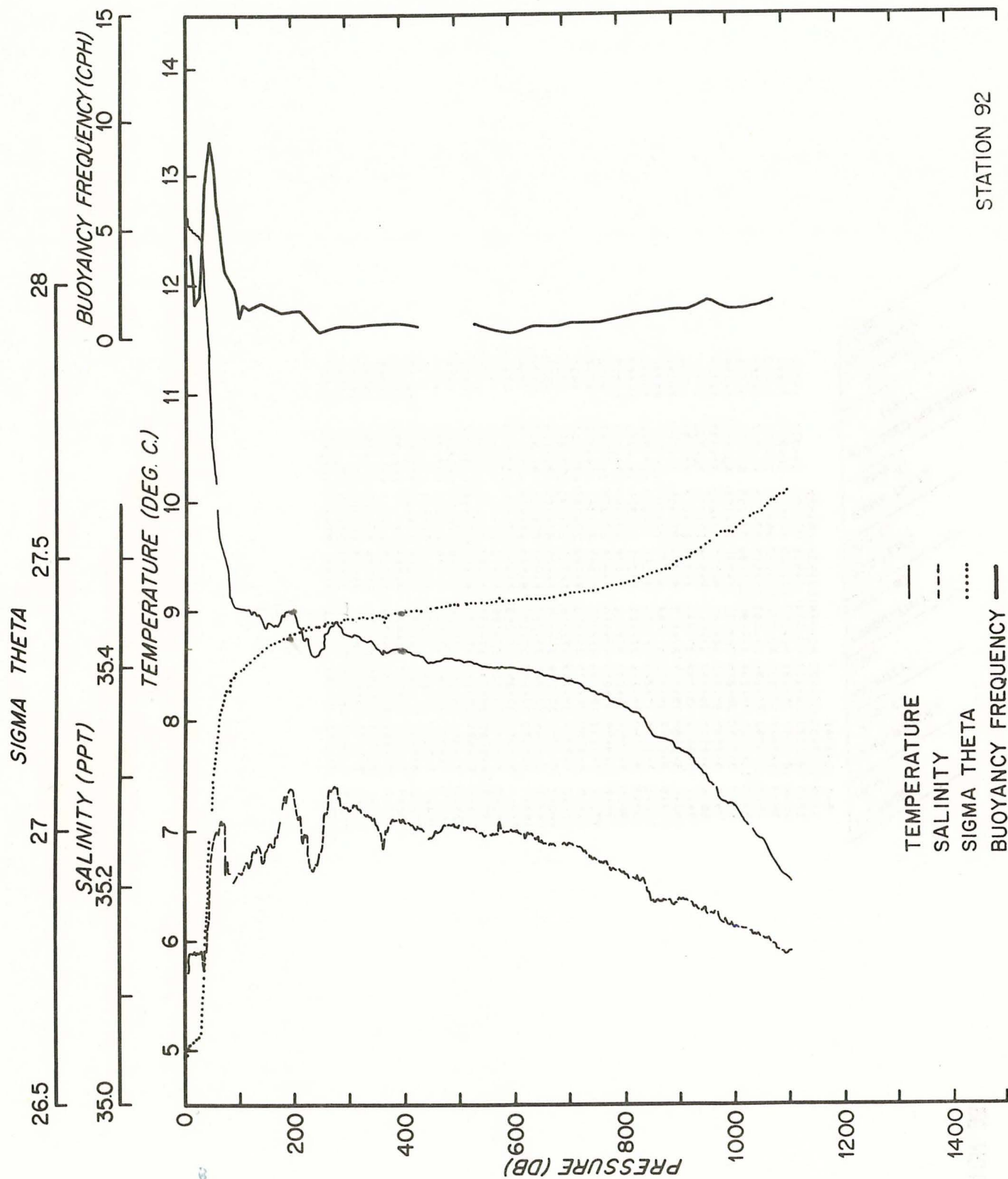
STATION 91

PRESSURE (dbar)	TEMPERATURE (deg C)	SALINITY (ppt)	CONDUCTIVITY (mmho/cm)	POT. TEMP. (deg C)	SIGMA THETA (gm/m ³)	AVERAGED PRESSURE (dbar)	BUOYANCY FREQUENCY (cpH)
12.8275	35.131	40.674	12.556	26.600	14.300	1.579	
11.2	12.5572	35.131	40.651	12.529	26.805	1.579	
17.4	12.5315	35.130	40.651	12.529	26.805	1.579	
20.2	12.5313	35.130	40.651	12.529	26.805	1.579	
22.5	12.5287	35.129	40.649	12.526	26.804	1.579	
32.3	12.5141	35.134	40.645	12.510	26.611	1.520	
41.8	12.3880	35.142	40.535	12.382	26.442	3.222	
51.5	11.5531	35.159	39.752	11.547	26.815	46.650	7.511
61.1	10.5005	35.233	38.820	10.493	27.064	56.333	9.077
72.4	9.8747	35.253	38.248	9.866	27.189	66.750	5.939
82.3	9.5393	35.252	37.933	9.530	27.245	77.350	4.242
92.8	9.3203	35.252	37.731	9.310	27.282	87.567	3.346
101.5	9.1799	35.250	37.600	9.169	27.303	97.133	2.846
111.7	9.0618	35.254	37.497	9.050	27.326	106.567	2.679
121.8	8.9338	35.259	37.442	8.921	27.341	116.717	2.179
161.4	8.491	35.256	37.320	8.482	27.361	141.567	1.312
199.8	8.7673	35.266	37.270	8.746	27.382	180.583	1.341
239.8	8.6840	35.256	37.201	8.658	27.388	219.800	0.749
278.0	8.6070	35.248	37.137	8.577	27.394	258.883	0.730
319.7	8.5398	35.244	37.089	8.506	27.401	298.833	0.806
360.4	8.4433	35.251	37.117	8.505	27.406	340.033	0.671
413.0	8.5538	35.259	37.158	8.510	27.411	386.700	0.573
454.1	8.3263	35.260	37.161	8.448	27.415	433.567	0.528
493.7	8.5103	35.257	37.151	8.457	27.416	473.883	0.459
533.8	8.4768	35.253	37.134	8.420	27.419	513.717	0.537
572.7	8.4318	35.247	37.103	8.370	27.421	553.250	0.505
616.5	8.3854	35.242	37.074	8.319	27.424	594.617	0.602
656.0	8.3689	35.238	37.073	8.299	27.424	636.233	0.266
698.2	8.2542	35.221	36.967	8.110	27.428	677.100	0.655
739.4	8.1508	35.212	36.980	8.022	27.436	718.800	0.915
780.5	8.1077	35.209	36.855	8.025	27.441	759.933	0.699
821.6	7.9708	35.197	36.734	7.884	27.452	801.033	1.052
863.2	7.8798	35.194	36.664	7.789	27.464	842.367	1.027
905.7	7.7012	35.185	36.508	7.607	27.483	884.417	1.328
945.6	7.4782	35.180	36.312	7.331	27.512	925.650	1.628
987.0	7.2971	35.173	36.156	7.157	27.533	966.333	1.336
1029.2	7.1012	35.165	35.985	6.998	27.554	1008.13	1.415



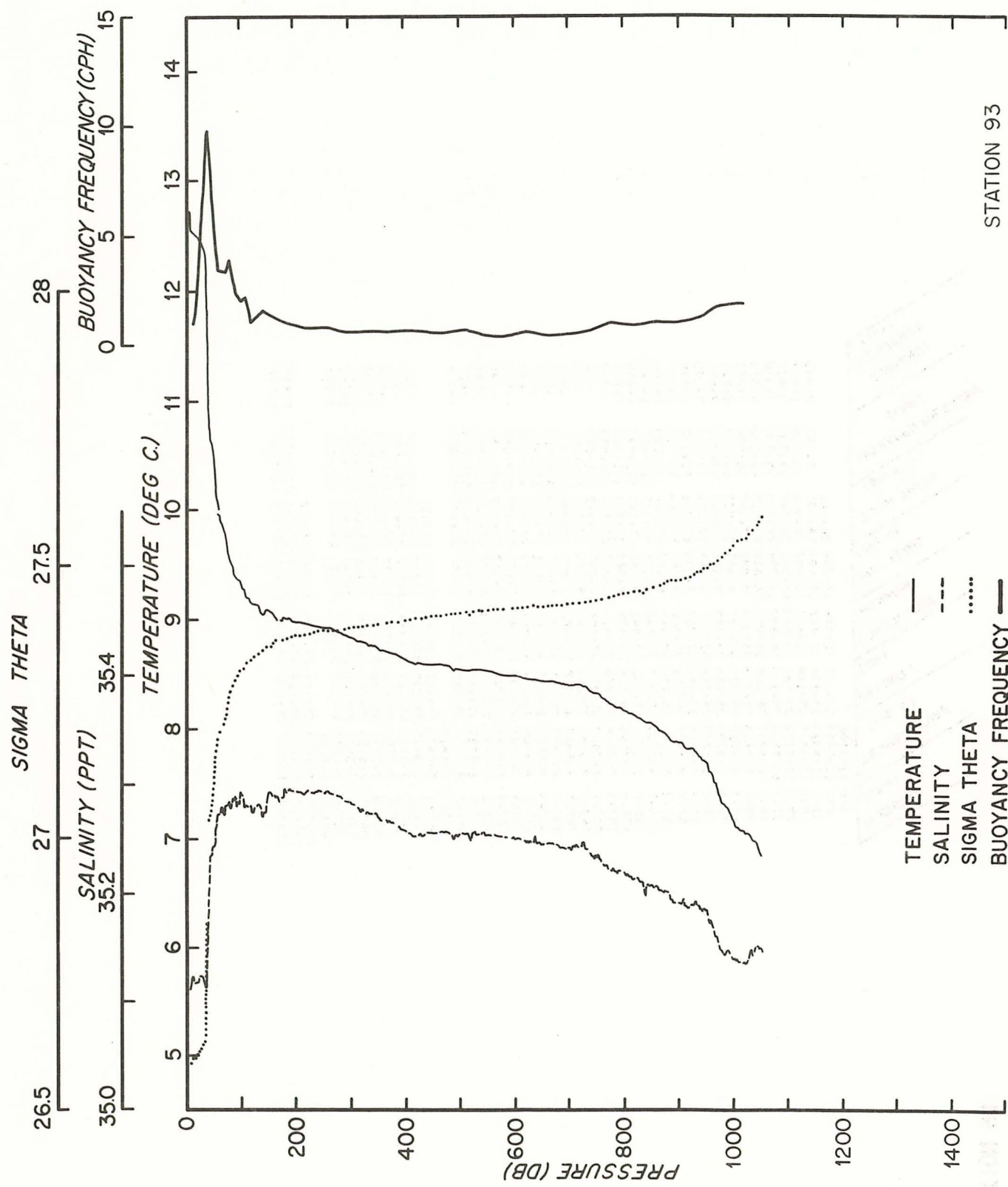
STATION 92

TEMPERATURE (deg C)	SALINITY (ppt)	CONDUCTIVITY (mmho/cm)	POT. TEMP. (deg C)	SIGMA THETA (gm/m ³)	AVERAGED PRESSURE (dbar)	BUOYANCY (gph)
3.9 13.1712	35.121	40.671	12.556	25.590		
7.9 12.5663	35.139	40.645	12.516	26.614	10.300	3.954
12.7 12.5181	35.110	40.620	12.484	26.621	17.267	1.584
21.8 12.4872	35.139	40.561	12.419	26.632	26.567	1.590
31.3 12.4231	35.143	40.019	11.849	26.745	35.433	5.591
35.6 11.8537	35.188	39.043	10.780	26.978	44.000	9.129
48.4 10.7859	35.212	38.475	10.125	27.136	52.483	7.854
56.5 10.1319	35.255	38.028	9.635	27.231	61.867	5.306
67.2 9.6429	35.254	37.862	9.455	27.259	72.050	3.089
76.9 9.4640	35.211	37.523	9.136	27.279	81.100	2.730
85.3 9.1455	35.206	37.419	9.026	27.293	89.567	2.308
93.8 9.0363	35.211	37.437	9.035	27.295	97.717	1.998
101.6 9.0459	35.219	37.436	9.021	27.303	106.683	1.574
111.8 9.0329	35.222	37.428	9.004	27.308	116.100	1.387
120.4 9.0174	35.228	37.352	8.885	27.329	130.967	1.667
157.5 8.9020	35.258	37.352	8.855	27.339	138.967	1.531
192.3 9.0180	35.284	37.520	8.674	27.376	210.117	1.397
228.0 8.6982	35.273	37.347	8.804	27.377	245.883	1.342
263.8 8.8323	35.271	37.347	8.764	27.382	281.567	0.673
299.3 8.7968	35.263	37.295	8.696	27.386	316.617	0.711
333.9 8.7318	35.263	37.295	8.591	27.391	351.283	0.746
368.7 8.6308	35.258	37.231	8.589	27.397	386.483	0.764
404.3 8.6334	35.258	37.230	8.487	27.400	426.500	0.632
444.7 8.5349	35.242	37.138				
477.3 8.5754						
510.7 8.5487	35.250	37.189	8.494	27.405	494.000	0.753
546.8 8.5017	35.247	37.157	8.443	27.410	527.750	0.890
580.9 8.4958	35.249	37.169	8.433	27.412	562.883	0.330
617.1 8.4784	35.245	37.165	8.412	27.412	599.017	0.673
652.6 8.4214	35.239	37.121	8.351	27.416	634.850	0.673
687.9 8.3918	35.238	37.108	8.318	27.420	670.267	0.628
723.1 8.3382	35.235	37.070	8.261	27.426	705.517	0.823
759.0 8.2438	35.221	36.985	8.163	27.430	741.033	0.740
796.2 8.1478	35.212	36.902	8.063	27.437	777.583	0.918
831.6 8.0349	35.206	36.807	7.947	27.450	813.883	1.162
866.8 7.8452	35.186	36.626	7.754	27.463	849.183	1.238
903.4 7.7337	35.189	36.540	7.640	27.481	885.117	1.351
938.7 7.5707	35.179	36.394	7.474	27.497	921.083	1.341
975.1 7.3013	35.170	36.152	7.202	27.530	956.933	1.828
1014.6 7.1237	35.151	35.496	7.022	27.548	994.867	1.355
1055.3 6.9137	35.132	35.811	6.809	27.570	1034.95	1.464
1097.9 6.5897	35.139	35.519	6.443	27.605	1076.62	1.791



STATION 93

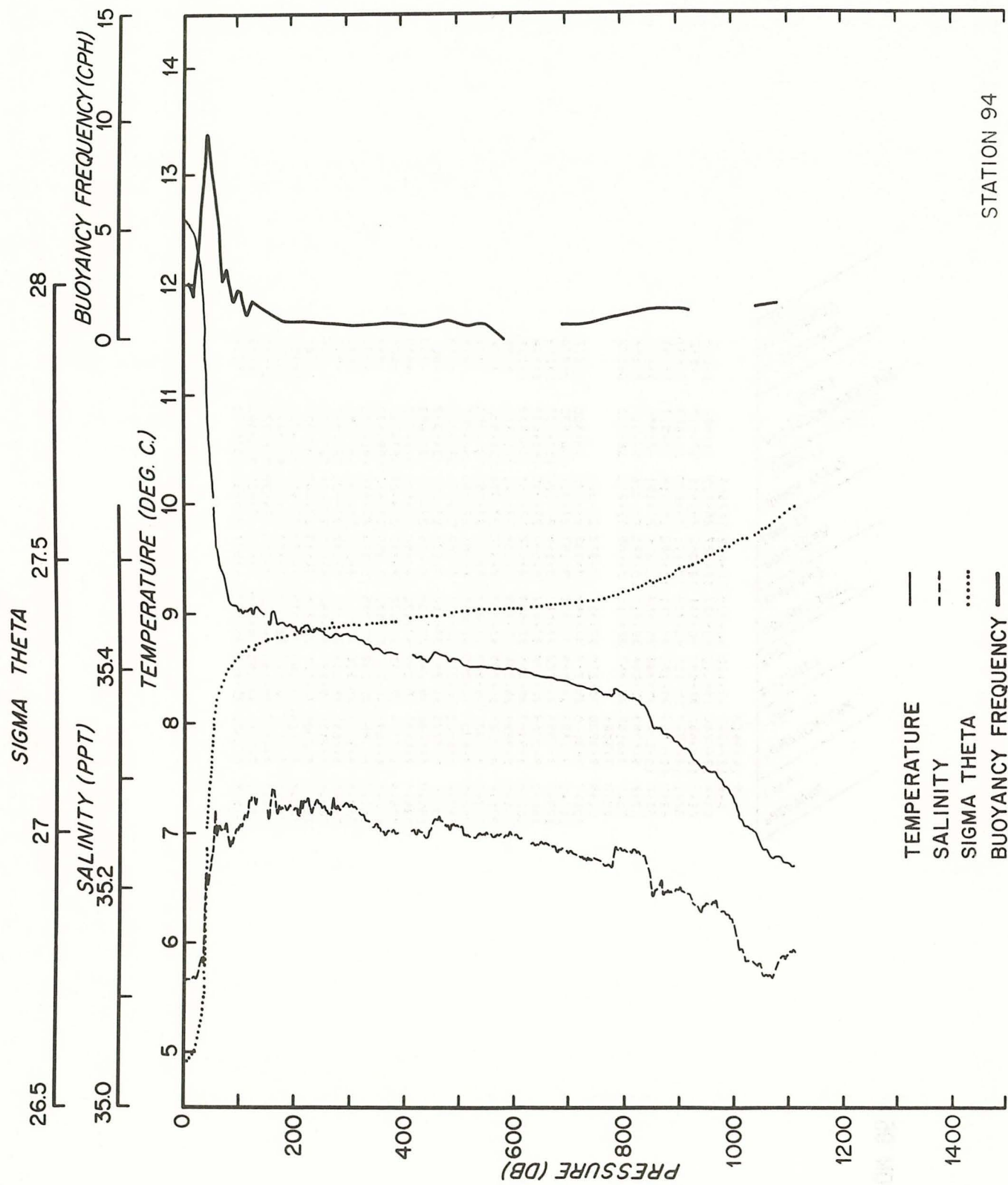
PRESSURE (dbar)	TEMPERATURE (deg C)	SALINITY (ppt)	CONDUCTIVITY (mmho/cm)	POT. TEMP. (deg C)	SIGMA THETA (gm/m ³)	AVERAGED PRESSURE (dbar)	BUOYANCY (gph)
13.6361	35.122	40.648	12.53	26.596	14.050	1.075	
11.6	12.5400	35.117	40.619	12.511	26.598	14.050	1.075
16.5	12.5129	35.124	40.587	12.465	26.612	20.950	2.230
25.4	12.4687	35.129	40.033	11.880	26.729	30.317	6.150
35.2	11.8849	35.129	40.033	10.619	27.043	40.367	9.845
45.5	10.6245	35.234	38.933	10.126	27.153	50.250	6.071
55.0	10.1320	35.264	38.496	9.936	27.195	60.467	3.886
65.9	9.9440	35.275	38.333	9.741	27.230	70.933	3.354
75.9	9.7599	35.280	38.18	9.504	27.277	80.750	3.929
85.6	9.5137	35.287	37.984	9.375	27.295	90.133	2.506
94.7	9.3859	35.282	37.823	9.349	27.306	99.100	2.061
103.5	9.3602	35.292	37.612	9.197	27.322	108.567	2.232
113.6	9.2097	35.280	37.662	9.148	27.325	118.367	1.053
123.1	9.1614	35.274	37.615	9.051	27.354	141.783	1.589
160.5	9.0690	35.291	37.561	8.974	27.367	179.467	1.039
198.5	8.9558	35.293	37.511	8.924	27.375	218.517	0.802
238.6	8.9498	35.293	37.486	8.884	27.381	254.833	0.847
271.1	8.9133	35.294	37.467	8.782	27.385	292.800	0.615
314.5	8.8159	35.279	37.380	8.702	27.390	333.267	0.715
352.0	8.7397	35.269	37.316	8.609	27.395	376.133	0.684
400.2	8.6517	35.259	37.245	8.557	27.401	421.667	0.727
443.1	8.6044	35.257	37.217	8.515	27.404	463.800	0.566
484.5	8.5672	35.253	37.197	8.495	27.410	503.533	0.727
522.6	8.5517	35.257	37.203	8.458	27.411	541.800	0.460
561.0	8.5288	35.254	37.196	8.449	27.413	580.483	0.419
599.9	8.5039	35.251	37.187	8.400	27.416	619.267	0.61
638.6	8.4694	35.249	37.170	8.365	27.418	658.417	0.486
678.2	8.4382	35.245	37.154	8.346	27.420	697.000	0.504
715.8	8.4238	35.245	37.157	8.249	27.424	735.250	0.710
754.7	8.3305	35.231	37.073	8.129	27.435	773.883	1.037
793.0	8.2138	35.222	36.972	8.012	27.443	812.933	0.899
832.8	8.1003	35.210	36.871	7.900	27.454	852.500	1.085
872.2	7.9923	35.204	36.782	7.796	27.465	891.650	1.048
911.1	7.8518	35.190	36.655	7.609	27.480	931.083	1.239
951.0	7.7077	35.183	36.531	7.183	27.513	971.117	1.829
991.2	7.2837	35.146	36.120	6.921	27.554	1011.73	1.837
1032.3	7.0240	35.150	35.901				



STATION 93

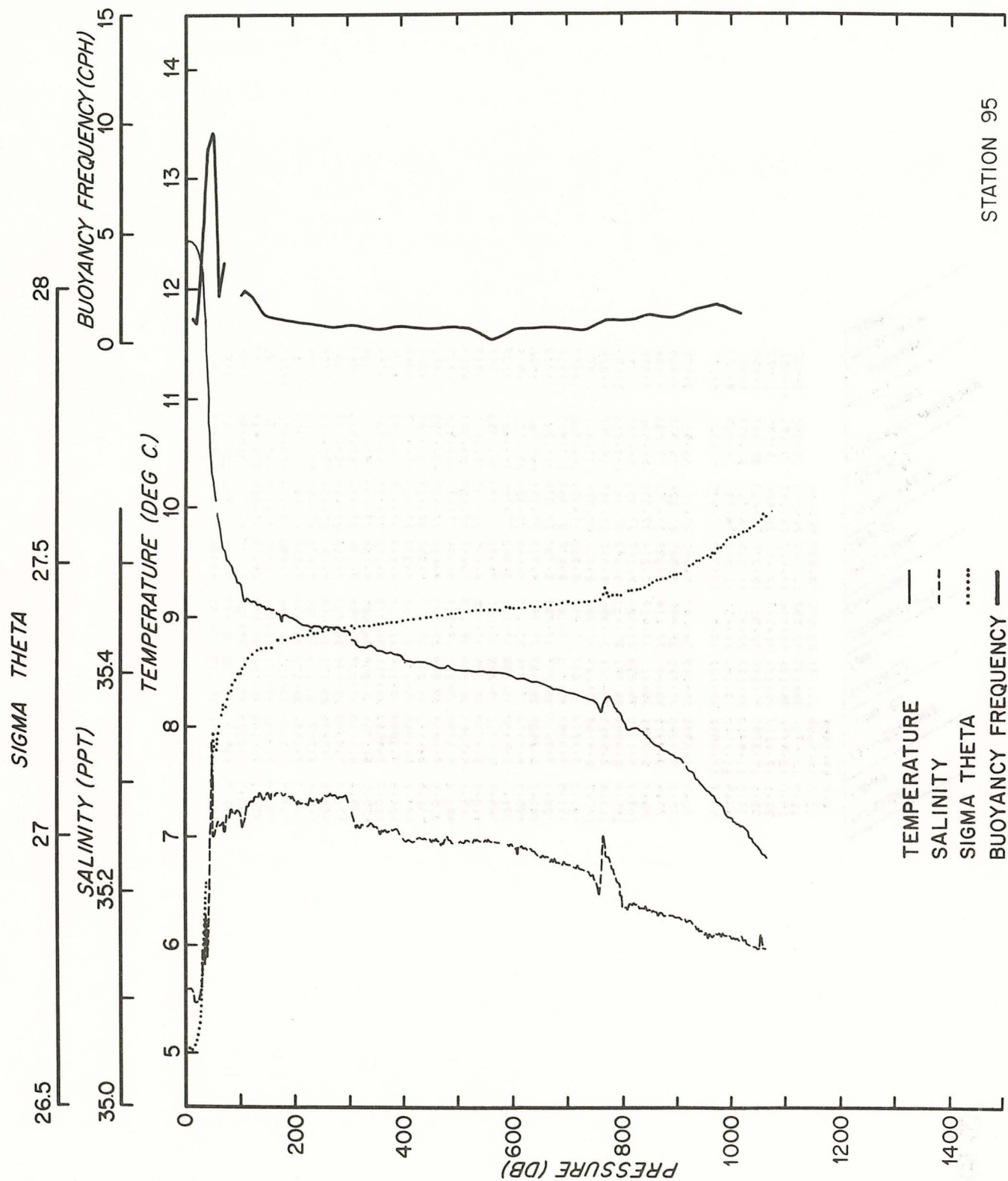
STATION 94

PRESSURE (dbar)	TEMPERATURE (deg C)	SALINITY (ppt)	CONDUCTIVITY (mmho/cm)	POT. TEMP. (deg C)	SIGMA THERA (gm/m ³)	AVERAGED PRESSURE (dbar)	BUOYANCY (cpb)
3.9	12.9162	35.115	40.684	12.586	26.582	8.983	2.495
6.4	12.5866	35.116	40.640	12.537	26.592	15.700	1.904
11.6	12.5383	35.118	40.611	12.499	26.601	24.500	3.803
19.8	12.5015	35.126	40.443	12.311	26.644	33.533	7.048
29.2	12.3152	35.173	39.997	11.794	26.780	42.050	9.378
37.9	11.7950	35.209	38.975	10.688	27.012	50.600	7.271
46.2	10.6937	35.239	38.343	9.990	27.157	59.717	5.816
55.0	9.9968	35.258	37.887	9.485	27.258	68.533	2.557
64.5	9.4920	35.264	37.773	9.364	27.275	77.317	3.180
72.6	9.3724	35.246	37.561	9.144	27.304	86.233	1.666
82.0	9.1529	35.242	37.502	9.081	27.311	94.617	2.108
90.4	9.0504	35.254	37.506	9.067	27.323	103.033	2.088
98.8	9.0779	35.255	37.451	9.003	27.334	111.467	1.045
107.3	9.0144	35.265	37.492	9.031	27.337	120.533	1.658
115.7	9.0439	35.282	37.541	9.060	27.346	141.950	1.246
125.4	9.0739	35.282	37.541	8.969	27.361	175.983	.742
134.5	8.9483	35.284	37.475	8.893	27.366	211.267	.775
143.5	8.9138	35.275	37.414	8.857	27.372	246.050	.714
152.9	8.8823	35.276	37.402	8.788	27.377	280.750	.614
163.0	8.8163	35.269	37.347	8.806	27.381	315.583	.581
172.8	8.7427	35.261	37.303	8.707	27.383	350.250	.712
182.8	8.6503	35.248	37.219	8.611	27.387	393.467	.678
193.1	8.6408	35.254	37.239	8.596	27.394	437.267	.562
203.4	8.6629	35.263	37.284	8.614	27.397	472.650	.836
213.9	8.6049	35.259	37.241	8.552	27.403	506.450	.568
224.0	8.5353	35.248	37.180	8.479	27.405	541.033	.615
234.1	8.5289	35.251	37.193	8.469	27.409	576.900	-.026
244.7	8.5278	35.250	37.206	8.464	27.408		
254.1	8.4412	35.241	37.155	8.376	27.414		
264.6	8.4478	35.235	37.117	8.322	27.416	686.117	.612
274.7	8.3978	35.227	37.073	8.262	27.419	721.983	.613
284.3	8.3413	35.227	37.073	8.192	27.426	755.613	.829
294.1	8.2759	35.223	37.025	8.167	27.439	798.517	1.083
304.0	8.2544	35.236	37.034	7.845	27.454	838.250	1.277
314.5	7.9758	35.200	36.758	7.769	27.473	877.350	1.345
324.2	7.8657	35.203	36.670	7.769	27.473	915.883	1.279
334.6	7.6677	35.186	36.490	7.571	27.489		
344.0	7.5231	35.147	36.018	7.060	27.532		
354.8	7.1616	35.123	35.764	6.787	27.551	1034.78	1.439
364.7	6.8916	35.123	35.764	6.787	27.551	1074.52	1.598
374.3	6.7657	35.138	35.681	6.661	27.579		
384.3							



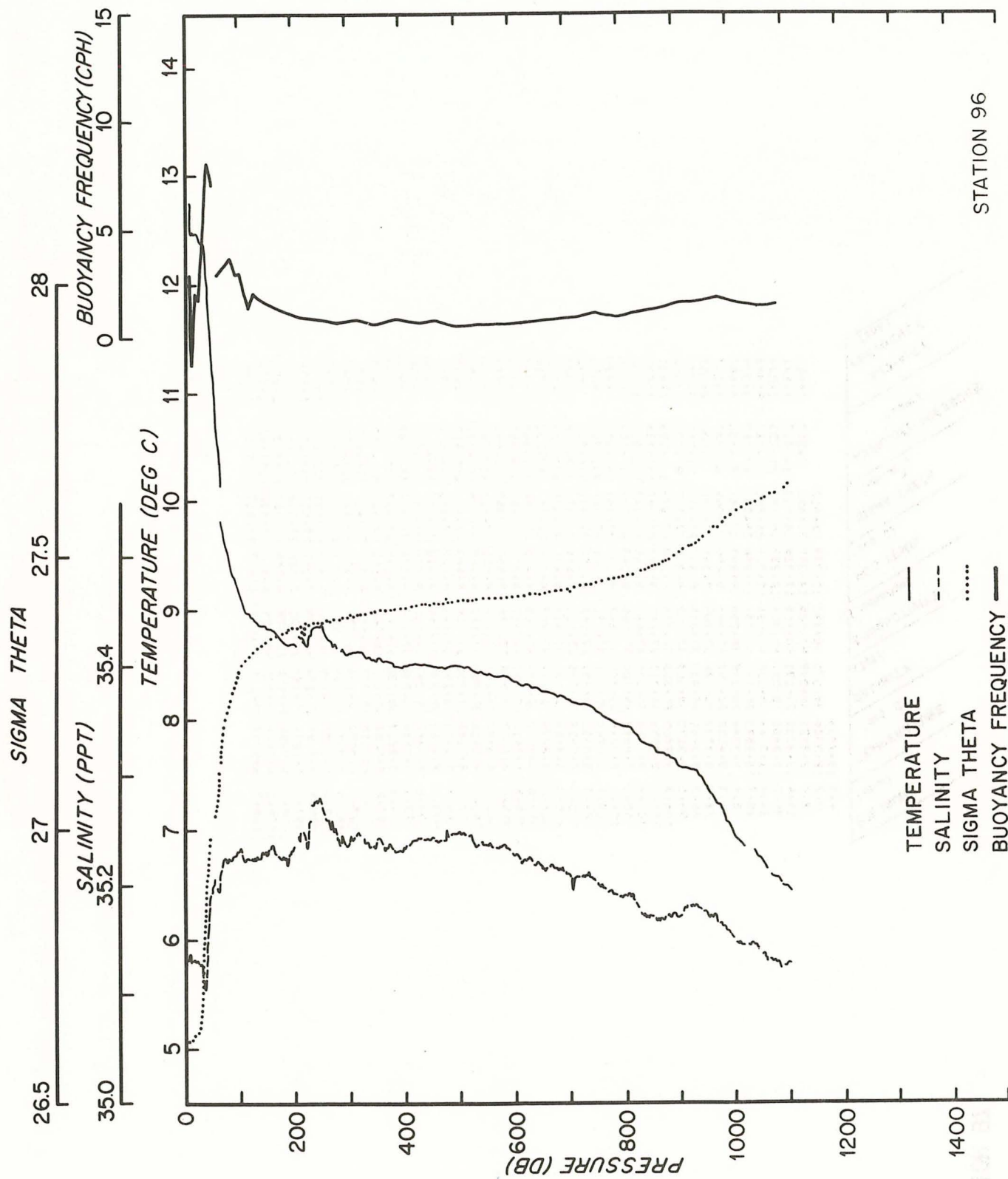
STATION 95

PRESSURE (dbar)	TEMPERATURE (deg C)	SALINITY (ppt)	CONDUCTIVITY (mmho/cm)	POT. TEMP. (deg C)	SIGMA THETA (gm/m ³)	AVERAGED PRESSURE (dbar)	BUOYANCY (cph)
3.9	14.9612	35.110	40.532	12.432	26.608	11.583	1.043
9.6	12.4336	35.110	40.529	12.427	26.609	11.583	1.043
13.6	12.4286	35.110	40.529	12.427	26.609	11.583	1.043
21.7	12.3681	35.097	40.461	12.365	26.611	17.617	1.043
32.1	12.1949	35.111	40.312	12.191	26.655	26.883	1.043
42.9	11.0869	35.180	39.321	11.082	26.518	37.517	1.043
52.2	10.2397	35.336	38.669	10.234	27.191	47.583	1.043
62.8	9.8283	35.264	38.211	9.821	27.306	57.517	1.043
70.8	9.6169	35.262	38.011	9.609	27.240	66.783	1.043
82.2	9.5084	35.270	37.817	9.502	27.284	76.000	1.043
91.9	9.3525	35.273	37.749	9.353	27.299	86.800	1.043
101.7	9.3140	35.265	37.610	9.317	27.317	96.833	1.043
112.0	9.1693	35.283	37.621	9.146	27.332	106.833	1.043
122.3	9.1594	35.289	37.477	9.069	27.349	117.133	1.043
161.0	9.0648	35.285	37.503	8.972	27.361	141.633	1.043
200.8	8.9943	35.284	37.459	8.904	27.371	180.883	1.043
241.5	8.9298	35.285	37.453	8.872	27.376	221.117	1.043
281.6	8.9023	35.259	37.287	8.699	27.382	261.550	1.043
322.3	8.7338	35.255	37.261	8.651	27.386	301.983	1.043
363.6	8.6902	35.247	37.197	8.562	27.394	342.967	1.043
413.2	8.6063	35.247	37.188	8.528	27.398	388.400	1.043
455.5	8.5775	35.245	37.158	8.476	27.404	434.333	1.043
495.9	8.5288	35.249	37.170	8.460	27.409	475.653	1.043
536.7	8.5181	35.249	37.170	8.442	27.408	516.317	1.043
578.4	8.5044	35.245	37.172	8.386	27.412	557.550	1.043
620.9	8.4533	35.240	37.138	8.315	27.416	599.633	1.043
661.7	8.3856	35.232	37.085	8.255	27.420	641.300	1.043
700.8	8.3303	35.226	37.044	8.189	27.421	681.250	1.043
742.1	8.2689	35.216	36.995	8.130	27.424	721.433	1.043
782.6	8.2138	35.221	36.966	8.073	27.423	762.333	1.043
823.4	8.0004	35.191	36.756	7.950	27.461	803.000	1.043
865.2	7.8408	35.183	36.618	7.750	27.474	844.283	1.043
906.1	7.7217	35.177	36.520	7.627	27.474	885.650	1.043
946.3	7.4867	35.165	36.307	7.390	27.499	926.233	1.043
987.8	7.2260	35.160	36.079	7.126	27.533	967.083	1.043
1028.8	7.0602	35.153	35.937	6.957	27.551	1008.33	1.043



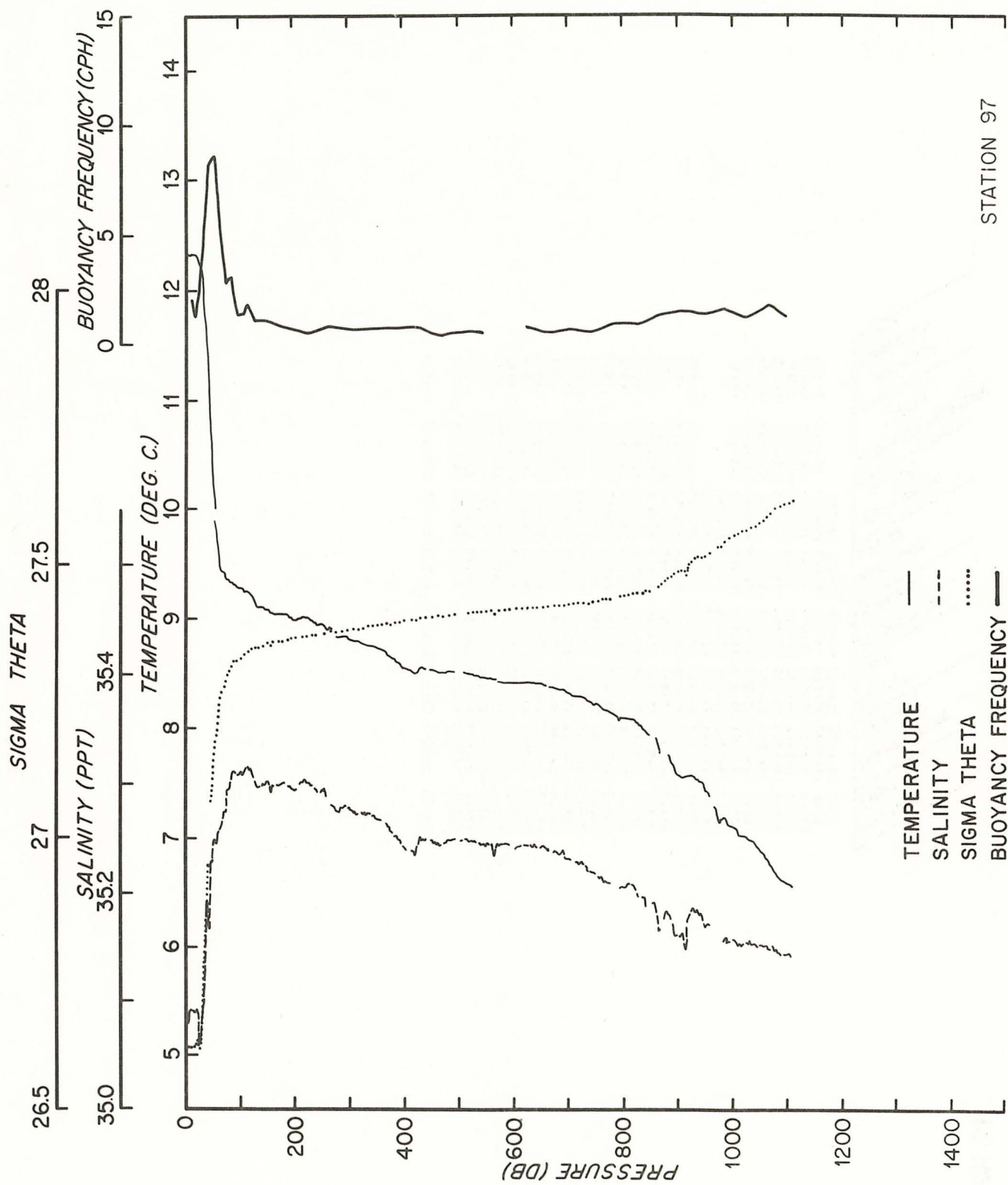
STATION 96

TEMPERATURE (deg C)	SALINITY (ppt)	CONDUCTIVITY (mmh/cm)	POT. TEMP. (deg C)	SIGMA THETA (gm/m ³)	AVERAGED PRESSURE (dbar)	BUOYANCY FREQUENCY (cpH)
10.8	35.137	40.625	12.499	26.616	11.350	2.892
10.8	35.133	40.592	12.489	26.619	13.483	1.422
15.0	35.131	40.596	12.472	26.617	19.050	1.979
23.1	35.131	40.548	12.419	26.626	27.067	1.658
31.1	35.128	40.504	12.372	26.633	34.533	5.662
38.0	35.117	39.970	11.826	26.730	41.967	8.059
45.9	35.110	39.486	11.255	26.893	50.300	5.934
54.7	35.101	38.866	10.578	27.025	58.500	2.903
70.9	35.219	38.047	9.691	27.192	74.967	3.406
79.0	35.220	37.895	9.523	27.222	83.233	3.654
87.4	35.224	37.718	9.328	27.257	91.550	2.886
95.7	35.227	37.617	9.214	27.278	99.767	2.945
103.9	35.233	37.526	9.107	27.300	107.800	2.080
111.7	35.221	37.403	8.983	27.311	115.767	1.374
119.8	35.224	37.396	8.968	27.315	123.850	1.976
127.9	35.223	37.338	8.903	27.325	131.931	1.583
161.1	35.237	37.282	8.810	27.351	144.500	1.209
194.5	35.230	37.169	8.678	27.355	177.817	1.923
228.1	35.258	37.289	8.757	27.374	211.333	1.832
263.2	35.259	37.267	8.712	27.381	245.667	1.638
295.9	35.234	37.123	8.566	27.384	279.550	1.809
331.0	35.238	37.127	8.545	27.391	313.467	1.567
365.7	35.232	37.090	8.492	27.393	348.383	1.817
410.6	35.236	37.045	8.455	27.402	388.167	1.618
445.6	35.242	37.113	8.459	27.405	428.083	1.715
480.2	35.244	37.111	8.434	27.410	462.900	1.469
515.9	35.246	37.123	8.425	27.412	493.083	1.547
551.6	35.235	37.069	8.358	27.414	533.767	1.544
587.6	35.234	37.063	8.332	27.416	569.617	1.594
624.5	35.224	37.009	8.283	27.419	606.083	1.724
660.7	35.215	36.948	8.186	27.423	642.600	1.808
699.5	35.208	36.885	8.104	27.429	680.100	1.840
735.2	35.207	36.856	8.054	27.436	717.350	1.085
771.7	35.195	36.737	7.919	27.446	753.417	1.888
809.2	35.191	36.664	7.845	27.454	790.417	1.137
845.6	35.173	36.524	7.672	27.465	827.400	1.219
882.3	35.173	36.448	7.585	27.480	863.983	1.514
918.8	35.181	36.364	7.450	27.503	900.550	1.690
955.5	35.171	36.165	7.226	27.528	937.150	1.790
994.1	35.156	35.882	6.916	27.559	974.817	1.531
1030.9	35.149	35.702	6.709	27.582	1012.50	1.332
1072.2	35.132	35.489	6.472	27.601	1051.55	1.528
1101.2	35.125	35.366	6.326	27.619	1086.64	1.528



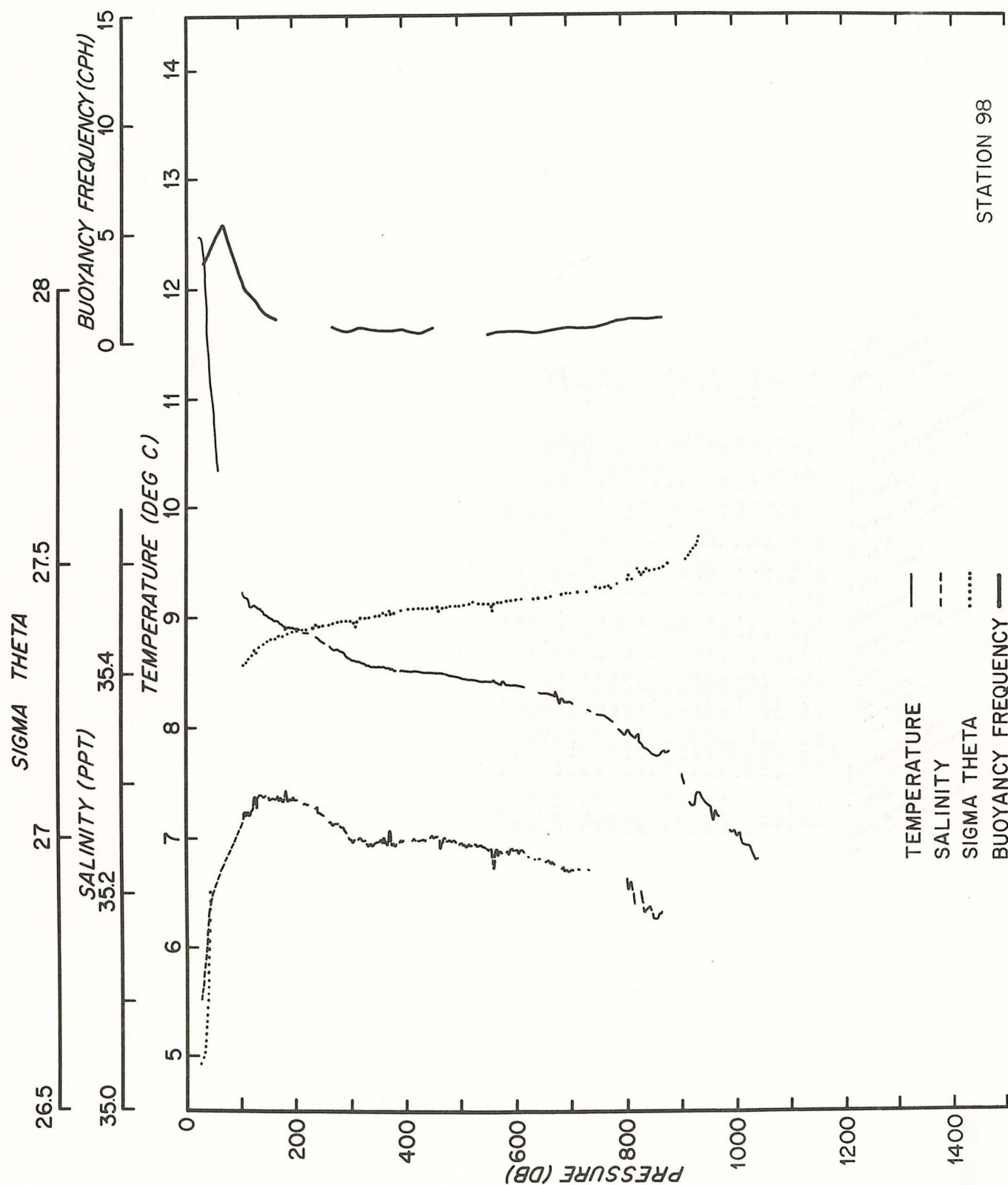
STATION 97

PRESSURE (dbar)	TEMPERATURE (deg C)	SALINITY (ppt)	CONDUCTIVITY (mho/cm)	POT. TEMP. (deg C)	SIGMA THETA (gm/m ³)	AVERAGED PRESSURE (dbar)	BUOYANCY FREQUENCY (cp/h)
4.2	13.7336	35.076	40.397	12.332	26.602	9.317	2.010
5.2	12.3326	35.076	40.397	12.332	26.602	9.317	1.291
13.4	12.3421	35.092	40.426	12.340	26.612	14.917	2.238
16.4	12.3301	35.091	40.415	12.328	26.613	21.233	5.392
26.0	12.2361	40.324	12.233	26.628	30.233	40.057	8.306
34.4	11.9089	35.105	40.031	11.904	26.705	50.550	8.687
45.7	10.8520	35.167	39.084	10.846	26.950	60.367	5.147
55.4	9.9044	35.249	38.266	9.898	27.181	70.800	2.781
65.3	9.4532	35.257	37.849	9.446	27.264	81.217	3.129
76.3	9.3739	35.274	37.795	9.365	27.290	91.133	1.383
86.2	9.3461	35.307	37.805	9.337	27.321	101.183	1.401
96.1	9.3170	35.309	37.783	9.306	27.327	111.133	1.859
106.3	9.2805	35.309	37.754	9.269	27.333	121.200	1.155
116.0	9.2554	35.317	37.742	9.243	27.343	131.183	1.132
126.4	9.1818	35.306	37.667	9.168	27.347	141.150	0.838
136.0	9.0612	35.300	37.566	9.043	27.362	151.050	0.640
144.1	9.0244	35.299	37.542	9.003	27.367	161.850	0.561
209.4	9.0244	35.301	37.551	9.001	27.369	171.850	0.620
224.3	9.0320	35.305	37.568	9.007	27.370	181.850	0.820
240.1	8.9423	35.296	37.520	8.956	27.371	191.850	0.718
275.0	8.8663	35.280	37.411	8.836	27.378	201.850	0.733
303.4	8.8298	35.277	37.387	8.797	27.382	211.850	0.731
319.5	8.8003	35.274	37.363	8.766	27.384	221.850	0.794
355.5	8.7418	35.269	37.319	8.703	27.389	231.850	0.820
441.9	8.6022	35.248	37.186	8.560	27.395	241.850	0.484
480.4	8.5599	35.251	37.169	8.512	27.404	251.850	0.636
517.4	8.5406	35.250	37.167	8.489	27.406	261.850	0.591
555.9	8.5188	35.250	37.164	8.463	27.410	271.850	0.652
593.8	8.4766	35.247	37.143	8.422	27.413	281.850	0.908
633.6	8.4447	35.243	37.139	8.376	27.416	291.850	0.610
673.4	8.3988	35.238	37.109	8.326	27.419	301.850	0.752
714.3	8.3203	35.230	37.045	8.244	27.425	311.850	0.619
757.2	8.2258	35.215	36.961	8.145	27.427	321.850	0.997
796.2	8.1216	35.207	36.873	8.037	27.437	331.850	0.942
839.0	8.0059	35.196	36.774	7.917	27.446	341.850	1.413
880.8	7.7978	35.184	36.586	7.706	27.468	351.850	1.609
919.4	7.5877	35.179	36.402	7.493	27.495	361.850	1.458
958.4	7.4093	35.174	36.249	7.311	27.517	371.850	1.685
997.6	7.1277	35.158	35.990	7.028	27.546	381.850	1.268
1038.9	6.9898	35.156	35.878	6.846	27.563	391.850	1.860
1076.0	6.7141	35.150	35.634	6.609	27.596	401.850	1.286
1106.2	6.5942	35.145	35.531	6.487	27.609	411.850	



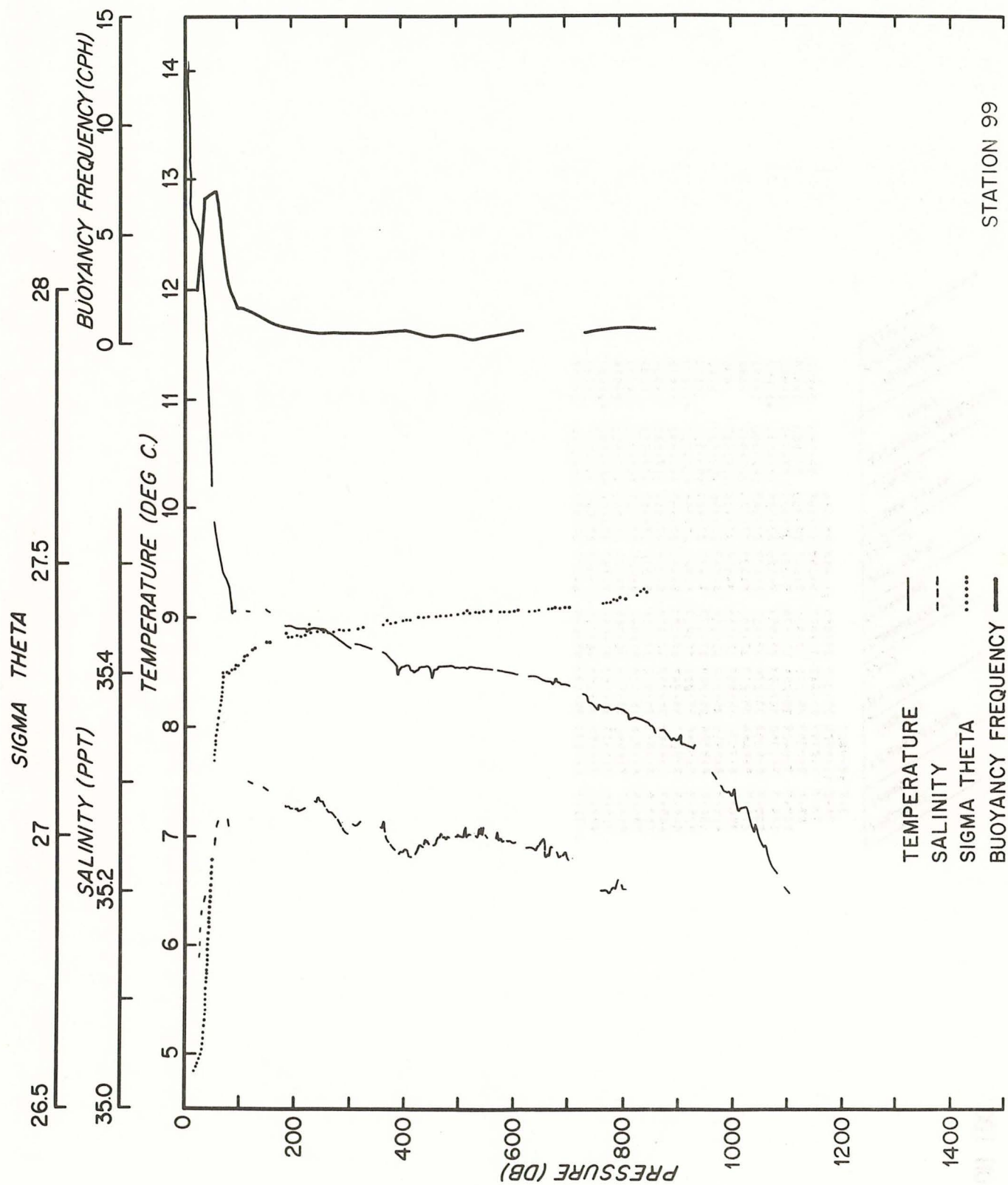
STATION 98

TEMPERATURE (dbar)	SALINITY (deg C)	CONDUCTIVITY (mmho/cm)	POT. TEMP. (deg C)	SIGMA THETA (gm/m ³)	AVERAGED PRESSURE (dbar)	BUOYANCY (gm)
25.5	12.4791	35.100	40.573	12.476	26.592	3.710
31.6	12.4332	35.123	40.554	12.429	26.618	28.533
101.6	9.2504	35.263	37.679	9.239	27.302	5.574
109.5	9.1549	35.271	37.638	9.183	27.317	2.506
115.8	9.1203	35.269	37.569	9.108	27.328	2.363
125.0	9.1276	35.287	37.597	9.114	27.341	2.093
151.4	9.0254	35.288	37.513	9.009	27.358	1.482
181.2	8.9388	35.285	37.441	8.919	27.370	1.133
211.2	8.0355	35.146	37.414	8.012	27.246	166.300
243.5	8.8148	35.274	37.342	8.789	27.381	1.133
274.6	8.7187	35.263	37.256	8.689	27.388	910
297.6	8.6435	35.250	37.183	8.612	27.390	592
324.7	8.6018	35.247	37.153	8.567	27.394	781
349.5	8.5764	35.247	37.140	8.539	27.398	732
375.9	8.5416	35.244	37.116	8.502	27.401	661
411.9	8.5318	35.248	37.127	8.498	27.406	709
436.0	8.5199	35.247	37.126	8.473	27.407	512
460.3	8.5142	35.252	37.136	8.465	27.412	815
518.9	8.4768	35.314	37.112	8.439	27.466	1.255
543.6	8.4503	35.242	37.093	8.395	27.414	966
571.2	8.4103	35.237	37.073	8.382	27.415	218
608.9	8.3914	35.239	37.073	8.349	27.416	572
659.5	8.3223	35.229	37.022	8.326	27.420	636
713.0	8.1868	35.212	36.902	8.111	27.431	550
759.9	8.1149	35.208	36.852	8.034	27.439	798
826.9	7.8694	35.192	36.637	7.783	27.464	835
903.2	7.4504	35.144	36.217	7.338	27.491	1.180
1037.5	6.8348	35.143	35.723	6.733	27.575	1.230
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						1.433



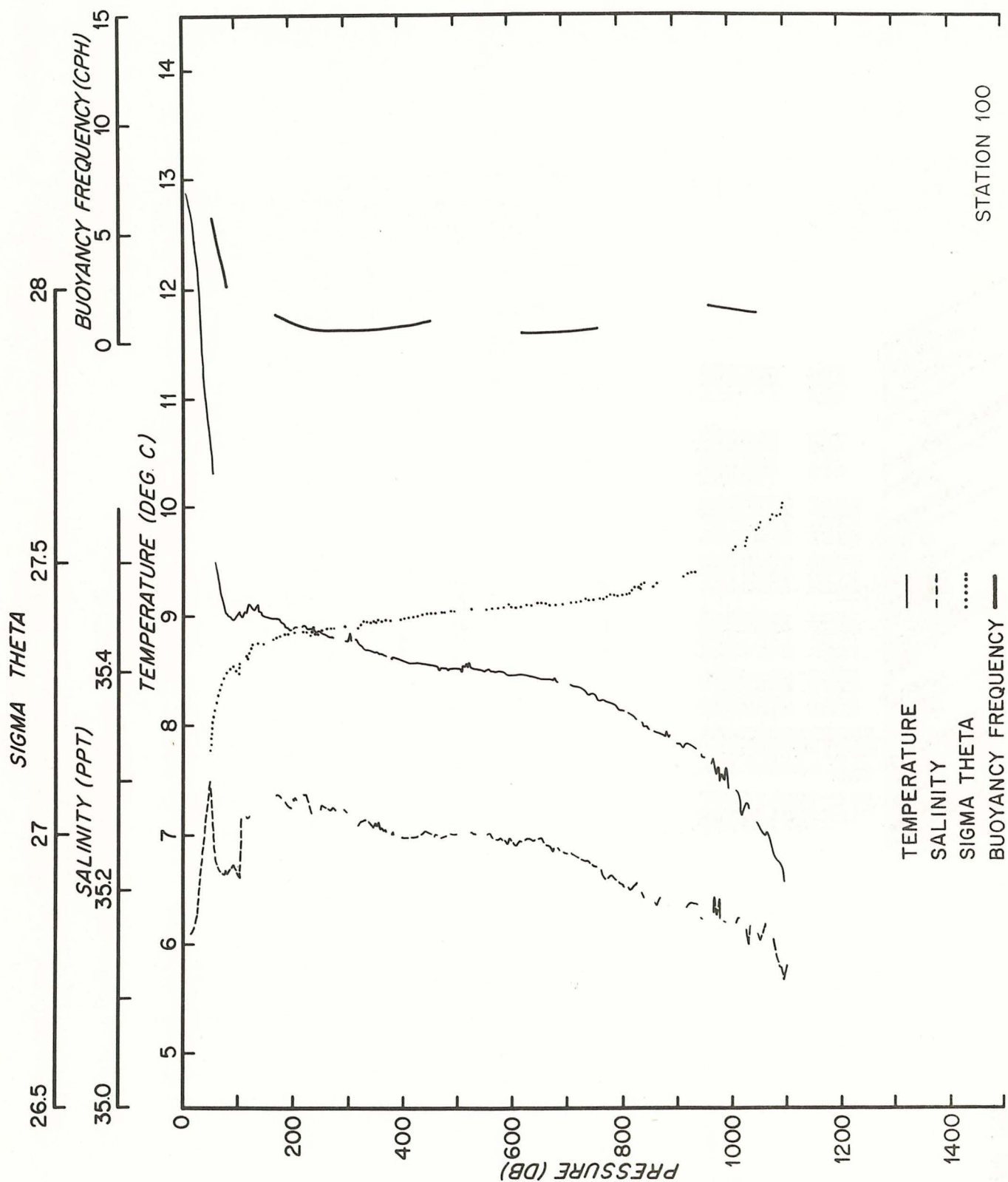
STATION 99

PRESSURE (dbar)	TEMPERATURE (deg C)	SALINITY (ppt)	CONDUCTIVITY (mmho/cm)	POT. TEMP. (deg C)	SIGMA THETA (gm/m ³)	AVERAGED PRESSURE (dbar)	BUOYANCY (leph)
1.01033	35.137	40.696	12.567	26.602			
21.0	12.5696	35.137	40.679	12.545	26.608	22.317	2.679
23.6	12.5481	35.139	40.679	12.545	26.608	22.317	6.900
47.6	10.5403	35.117	38.738	10.535	26.967	35.583	7.221
64.5	9.5839	35.261	37.977	9.577	27.245	56.017	2.587
87.4	9.0329	35.626	37.432	9.023	27.308	75.950	
100.6	9.2023	35.279	37.648	9.191	27.322	94.033	1.794
113.4	9.0710	35.268	37.519	9.059	2.335	107.017	1.820
125.9	9.1621	35.300	37.642	9.148	27.345	119.667	1.630
203.4	8.9108	35.276	37.416	8.889	27.367	144.650	.989
275.2	8.8261	35.269	37.363	8.796	27.376	239.583	.677
368.4	8.6578	35.249	37.227	8.618	27.387	321.783	.687
429.5	8.5613	35.244	37.159	8.515	27.398	398.933	.826
47.0	8.5693	35.249	37.188	8.519	27.401	444.667	.528
504.4	8.5543	35.250	37.192	8.500	27.404	485.717	.595
535.4	8.5399	35.250	37.201	8.492	27.405	519.817	.340
569.1	8.5318	35.250	37.198	8.470	27.407	552.833	.551
627.4	8.4463	35.232	37.159	8.375	27.422	613.833	.796
692.2	8.4108	35.234	37.124	8.336	27.414	674.833	.810
759.0	8.2068	35.201	36.931	8.126	27.420	735.600	.704
822.4	8.0988	35.200	36.856	8.011	27.435	790.683	.962
890.9	7.9193	35.183	36.703	7.825	27.449	856.650	.931
947.7	7.6052	35.244	36.491	7.507	27.544		
999.6	7.4656	35.067	36.220	7.363	27.425		
1072.0	6.7367	35.121	35.626	6.632	27.570		



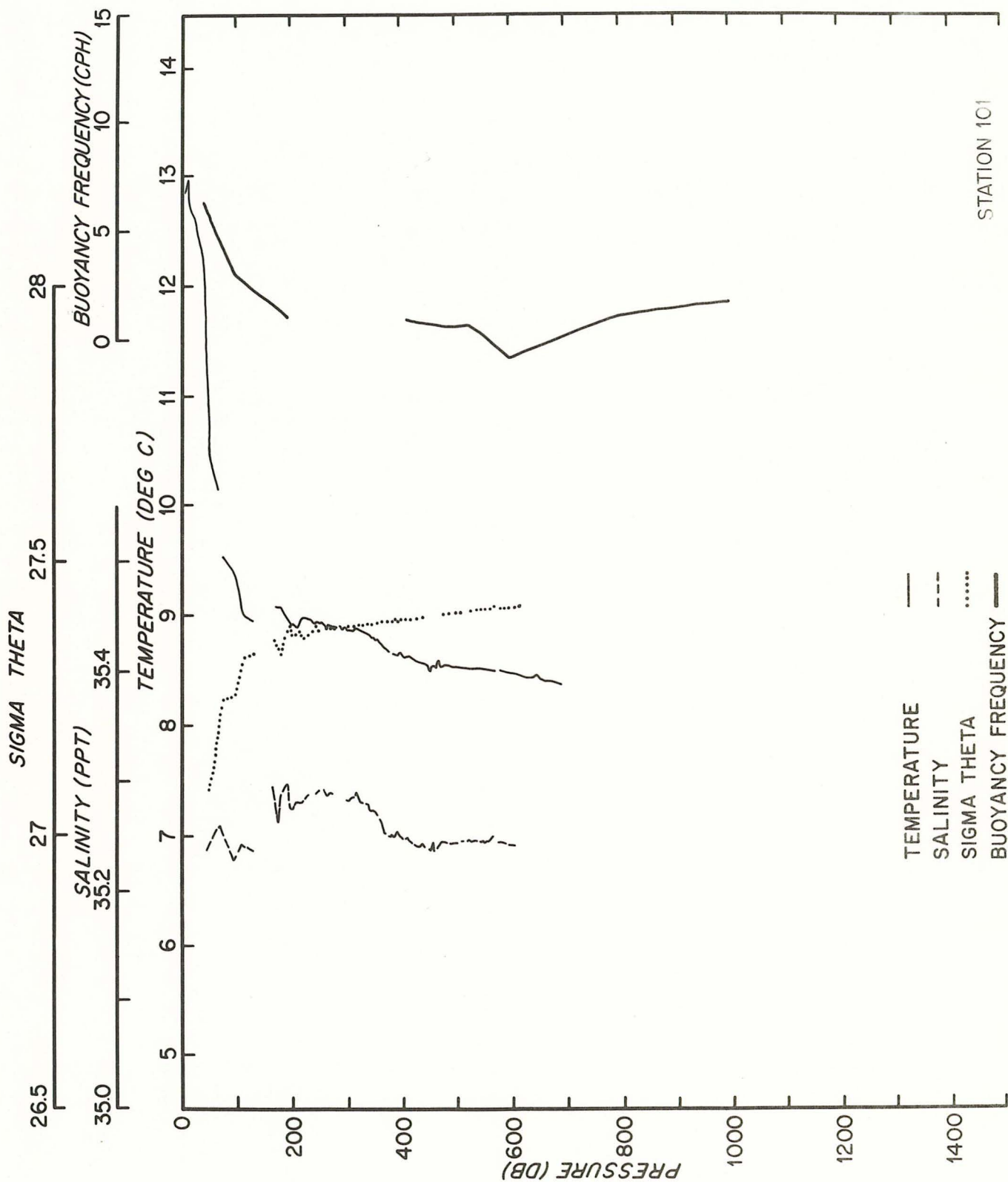
STATION 100

TEMPERATURE (deg C)	SALINITY (ppt)	CONDUCTIVITY (mmho/cm)	POT. TEMP. (deg C)	SIGMA THETA (gm/m ³)	AVERAGED PRESSURE (dbar)	BUOYANCY (gph)
3.7 12.887	35.206	39.666	11.418	26.876		
34.2 11.4225	35.219	37.623	9.242	27.668	52.450	5.850
70.7 9.2429	35.216	37.424	9.027	27.300	77.900	2.678
85.1 9.0359	35.254	37.476	9.029	27.329	97.333	1.920
109.5 9.0409	35.267	37.583	9.120	27.324	116.883	1.023
124.2 9.1340	35.276	37.405	8.879	27.369	162.500	1.391
200.8 8.9003	35.278	37.400	8.839	27.376	227.817	.659
254.9 8.8664	35.257	37.286	8.662	27.586	302.817	.656
350.8 8.7002	35.237	37.184	8.547	27.596	382.833	.786
414.9 8.5916	35.248	37.178	8.477	27.423	450.850	1.122
486.8 8.5296	35.269	37.178	8.548	27.358	506.517	2.273
525.2 8.6048	35.202	37.203	8.443	27.409	547.533	1.979
568.8 8.5047	35.247	37.170	8.374	27.414	617.083	.544
665.3 8.4462	35.242	37.153	8.315	27.417	689.550	.534
713.8 8.3921	35.254	37.116	8.108	27.427	755.200	.734
796.6 8.1928	35.208	36.941	7.774	27.584	825.650	2.974
854.7 7.8640	35.344	36.785	7.757	27.459	886.650	2.457
918.6 7.4539	35.183	36.654	7.343	27.527	959.067	1.747
999.5 7.4456	35.193	36.318	6.676	27.571	1045.42	1.447
1091.3 6.7835	35.130	35.686				



STATION 101

PRESSURE (dbar)	TEMPERATURE (deg C)	SALINITY (ppt)	CONDUCTIVITY (mmho/cm)	POT. TEMP. (deg C)	SIGMA THERA (gm/m ³)	AVERAGED PRESSURE (dbar)	BUOYANCY (gph)
3.5	12.8101						
14.9	12.6367	35.140	40.762	12.635	26.591		
59.4	10.1124	35.252	38.468	10.105	27.148	37.167	6.300
127.6	8.9563	35.239	37.391	8.943	27.331	93.500	2.945
243.4	8.9493	35.291	37.486	8.923	27.373	185.517	1.091
355.2	8.8838						
370.1	8.6868	35.256	37.261	8.647	27.387		
439.9	8.5601	35.246	37.164	8.513	27.400	404.993	.821
498.6	8.5346	35.246	37.166	8.481	27.404	469.217	.542
541.1	8.5213	35.248	37.174	8.463	27.408	519.833	.575
638.7	8.4721	35.202	37.128	8.403	27.379	589.900	.910
829.7	7.7376	35.163	36.531	7.641	27.460	784.183	1.036
1050.0	7.1185	35.159	36.004	7.013	27.547	989.833	1.635



CTD LOG FOR ATLANTIS-II -- 102 LEG 1 (JASIN)

STATION NO.	DATE (YR-MO-DA)	UTC		START LAT.	START LONG.	PMAX	END LAT.	END LONG.	NO. CASTS	NO. ROSETTES	UTC	
		TIME	TIME								END TIME	COMMENTS
1 *	78-07-27	0830	59°10.88'	12°30.43'	12°30.43'	1498	59°12.45'	12°34.43'	1	10	1000	
2 **	78-07-28	0012	59°10.53'	12°30.64'	12°30.64'	1310	59°07.12'	12°33.13'	8	11	0835	Yo-Yo
3 *	78-07-29	2020	59°01.10'	12°28.40'	12°28.40'	1450	59°04.97'	12°31.48'	8	-	0447	Yo-Yo
4 *	78-07-30	2312	59°01.74'	12°32.69'	12°32.69'	1465	59°01.44'	12°30.83'	7	10	0555	Yo-Yo
5 *	78-07-31	2030	59°03.08'	12°30.84'	12°30.84'	250	59°03.27'	13°33.14'	30	10	0426	½ Hr. Yo-Yo
6 *	78-08-01	2040	59°02.07'	12°32.67'	12°32.67'	1490	58°59.96'	12°34.29'	9	11	0706	Yo-Yo
7 *	78-08-02	1815	59°00.96'	12°35.61'	12°35.61'	1558	59°01.43'	12°37.02'	5/4	17	0515	Moved ship
8	78-08-03	2030	59°01.22'	12°33.54'	12°33.54'	1420	58°55.28'	12°31.95'	9	11	0545	Yo-Yo
9	78-08-05	0355	59°00.13'	12°36.28'	12°36.28'	1475	59°00.04'	12°41.13'	3	10	0655	Yo-Yo
10	78-08-05	1226	59°01.76'	12°35.87'	12°35.87'	630	59°01.92'	12°47.08'	7	-	2300	½ Hr. Yo-Yo
11 *	78-08-06	0242	59°01.65'	12°49.39'	12°49.39'	500	58°59.20'	12°54.20'	2	-	0340	½ Hr. Yo-Yo
12 *	78-08-06	1310	58°55.64'	12°27.83'	12°27.83'	200	58°55.04'	12°35.01'	26	-	1748	10 min. Yo-Yo
13	78-08-06	2130	59°01.09'	12°36.18'	12°36.18'	1425	58°55.20'	12°45.66'	7	11	0530	Yo-Yo
14 *	78-08-07	1302	59°15.49'	13°00.49'	13°00.49'	1010	59°14.98'	13°01.50'	1	10	1353	Section
15 *	78-08-07	1536	59°12.45'	12°55.51'	12°55.51'	1000	59°11.76'	12°56.88'	1	11	1620	Section
16 *	78-08-07	1749	59°09.61'	12°49.46'	12°49.46'	1065	59°09.19'	12°50.59'	1	10	1843	Section
17 *	78-08-07	1938	59°06.80'	12°43.82'	12°43.82'	1005	59°06.50'	12°45.11'	1	10	2040	Section
18	78-08-07	2140	59°04.17'	12°38.41'	12°38.41'	1000	59°03.81'	12°39.73'	1	11	2242	Section
19	78-08-08	0025	58°57.00'	12°25.52'	12°25.52'	1010	58°56.80'	12°26.11'	1	11	0118	Section
20	78-08-08	0158	58°55.21'	12°21.96'	12°21.96'	1020	58°55.21'	12°22.55'	1	11	0242	Section
21	78-08-08	0336	58°52.38'	12°16.36'	12°16.36'	1105	58°51.89'	12°17.36'	1	11	0440	Section
22	78-08-08	0530	58°49.39'	12°10.89'	12°10.89'	1017	58°48.94'	12°11.57'	1	11	0627	Section
23	78-08-08	0746	58°46.66'	12°05.67'	12°05.67'	1008	58°46.41'	12°06.10'	1	11	0837	Section
24	78-08-08	1150	58°43.47'	11°59.66'	11°59.66'	1003	58°43.14'	11°59.74'	1	9	1231	Section
25	78-08-08	2025	59°01.09'	12°35.01'	12°35.01'	1499	58°59.50'	12°45.42'	10	11	0605	Yo-Yo
26	78-08-10	2201	59°09.50'	12°44.37'	12°44.37'	985	59°11.45'	12°44.85'	1	11	2315	
27	78-08-11	0415	59°11.50'	12°50.80'	12°50.80'	1000	59°11.48'	12°50.82'	1	11	0517	
28	78-08-11	0640	59°05.10'	12°50.20'	12°50.20'	1015	59°06.40'	12°50.92'	1	10	0730	Grid
29	78-08-11	1510	59°09.90'	12°50.00'	12°50.00'	1004	59°12.40'	12°52.68'	1	10	1627	Grid
30	78-08-11	1836	59°00.30'	12°50.00'	12°50.00'	1016	59°01.89'	12°51.97'	1	11	1934	Grid

* NO LISTING AVAILABLE

+ NO BUOYANCY FREQUENCY ON PLOT

CTD LOG FOR ATLANTIS-II - 102 LEG 1 (JASIN) (cont.)

STATION NO.	DATE (YR-MO-DA)	UTC TIME	START LAT.	START LONG.	PMAX	END LAT.	END LONG.	NO. CASTS	NO. ROSETTES	UTC END TIME	COMMENTS
31	78-08-11	2146	58°50.50'	12°49.80'	990	58°51.92'	12°50.66'	1	11	2247	Grid
32	78-08-12	0237	59°00.20'	12°09.70'	1012	59°01.15'	12°10.34'	1	11	0323	Grid
33	78-08-12	0422	59°05.00'	12°20.00'	1125	59°06.05'	12°20.72'	1	11	0520	Grid
34	78-08-12	0631	59°10.20'	12°09.90'	1105	59°10.62'	12°10.04'	1	11	0716	Grid
35	78-08-12	1651	59°02.30'	12°31.00'	1007	59°02.92'	12°31.10'	1	5	1740	
36	78-08-12	2056	59°10.10'	12°29.90'	995	59°10.53'	12°30.46'	1	11	2151	Grid
37	78-08-12	2312	59°05.00'	12°39.90'	1004	59°06.06'	12°40.16'	1	8	0032	Grid
38	78-08-13	0210	58°54.90'	12°39.90'	1035	58°55.78'	12°39.90'	1	11	0257	Grid
39	78-08-13	0410	58°50.00'	12°29.90'	1285	58°51.03'	12°29.76'	1	10	0506	Grid
40	78-08-13	0633	58°50.00'	12°09.70'	1000	58°50.74'	12°09.28'	1	10	0728	Grid
41	78-08-13	1303	58°55.30'	12°19.70'	999	58°56.93'	12°19.91'	1	10	1405	Grid
42	78-08-13	1805	59°10.00'	12°45.70'	1100	59°10.83'	12°46.30'	1	11	1859	
43	78-08-14	0508	57°48.90'	11°44.60'	1823	57°49.70'	11°43.42'	1	11	0631	Anton Dohrn Seamount
44	78-08-14	1208	57°42.00'	11°32.30'	1900	57°43.06'	11°30.57'	1	11	1342	Anton Dohrn Seamount
45	78-08-14	1510	57°34.60'	11°18.30'	756	57°35.29'	11°16.65'	1	11	1602	Anton Dohrn Seamount
46	78-08-14	1720	57°27.30'	11°06.90'	536	57°27.33'	11°05.93'	1	11	1751	Anton Dohrn Seamount
47	78-08-14	1914	57°20.10'	10°52.40'	871	57°20.07'	10°51.74'	1	10	2002	Anton Dohrn Seamount
48	78-08-14	2125	57°13.20'	10°39.00'	2156	57°13.64'	10°37.27'	1	9	2305	Anton Dohrn Seamount
49	78-08-15	0036	57°05.80'	10°25.70'	2252	57°06.27'	10°23.64'	1	11	0225	Anton Dohrn Seamount

CTD LOG FOR ATLANTIS-II - 102 LEG 2 (JASIN)

50 *	78-08-22	2107	57°48.93'	10°25.91'	2112	57°47.51'	10°20.89'	1	4	2327	Anton Dohrn Seamount
51 *+	78-08-23	0102	57°42.14'	10°32.95'	2119	57°41.35'	10°34.79'	1	5	0301	Anton Dohrn Seamount
52 *	78-08-23	0435	57°34.29'	10°53.54'	891	57°33.90'	10°52.64'	1	4	0527	Anton Dohrn Seamount
53 *	78-08-23	0709	57°27.38'	11°07.12'	538	57°27.40'	11°06.66'	1	-	0743	Anton Dohrn Seamount
54 *	78-08-23	1345	57°20.16'	11°18.70'	793	57°19.93'	11°16.76'	1	5	1433	Anton Dohrn Seamount
55 *	78-08-23	1608	57°13.10'	11°32.42'	2041	57°12.56'	11°30.31'	1	5	1738	Anton Dohrn Seamount
56 *	78-08-23	1853	57°05.63'	11°45.21'	2093	57°05.73'	11°44.71'	1	5	2029	Anton Dohrn Seamount
57 *	78-08-24	1349	59°00.64'	12°32.03'	1299	57°01.11'	12°29.37'	1	5	1500	W2
58 *	78-08-24	2224	59°00.01'	13°29.92'	856	58°59.55'	13°29.58'	1	9	2318	-----
59 *	78-08-25	0029	58°59.87'	13°14.83'	1630	58°59.20'	13°14.12'	1	9	0149	
60	78-08-25	0252	59°00.00'	12°59.94'	1500	58°59.47'	12°59.40'	1	10	0402	Section West of FIA
61	ABORTED										
62	78-08-25	0737	58°59.67'	12°45.20'	1534	58°59.77	12°42.00'	1	5	0855	-----

* NO LISTING AVAILABLE

+ NO BUOYANCY FREQUENCY ON PLOT

CTD LOG FOR ATLANTIS-II - 102 LEG 2 (JASIN) (cont.)

STATION NO.	DATE (YR-MO-DA)	UTC TIME	START LAT.	START LONG.	PMAX	END LAT.	END LONG.	NO. CASTS	NO. ROSETTES	UTC END TIME	COMMENTS
63	78-08-25	2321	59°04.21'	12°40.26'	1000	59°04.86'	12°39.34'	1	8	0012	B
64	78-08-26	0125	59°03.86'	12°21.64'	1006	59°03.32'	12°20.71'	1	5	0206	A
65	78-08-26	0308	58°55.72'	12°22.10'	1004	58°55.28'	12°21.69'	1	4	0348	D
66	78-08-26	0517	58°56.03'	12°38.80'	1013	58°55.48'	12°38.41'	1	5	0608	C
67	78-08-26	1719	59°00.66'	12°32.49'	1205	58°59.83'	12°32.52'	1	5	1818	└
68	78-08-26	1954	59°07.47'	12°29.72'	1206	59°06.77'	12°30.20'	1	9	2103	└
69 *	78-08-26	2227	59°15.11'	12°30.10'	1203	59°14.62'	12°29.50'	1	9	2330	Section North of FIA
70	78-08-27	0050	59°22.58'	12°29.97'	1101	59°22.02'	12°29.07'	1	5	0150	FIA
71	78-08-27	0255	59°30.03'	12°30.01'	1097	59°29.54'	12°29.16'	1	5	0352	└
72	78-08-27	0506	59°37.48'	12°30.61'	1101	59°37.05'	12°30.33'	1	7	0602	└
73	78-08-27	2320	59°04.30'	12°23.66'	1100	59°03.82'	12°23.21'	1	10	0030	A
74 *	78-08-28	0131	58°59.95'	12°14.57'	1097	58°59.72'	12°13.49'	1	5	0222	└
75 *	78-08-28	0320	58°59.98'	11°59.67'	1096	58°59.62'	11°57.91'	1	4	0421	└
76	78-08-28	0612	59°00.12'	11°47.13'	1100	58°59.27'	11°45.21'	1	-	0721	Section East of FIA
77	78-08-28	1007	59°00.02'	11°29.86'	1116	58°59.45'	11°28.11'	1	4	1113	FIA
78	78-08-28	1229	58°59.97'	11°14.40'	1081	58°59.58'	11°12.59'	1	5	1325	└
79	78-08-28	1426	58°59.92'	10°59.81'	1101	59°00.03'	10°59.37'	1	6	1518	└
80	78-08-28	1826	58°45.27'	11°46.02'	1123	58°44.69'	11°44.84'	1	7	1927	└
81	78-08-28	2250	58°30.05'	12°30.15'	1118	58°29.67'	12°29.24'	1	10	2349	└
82	78-08-29	0101	58°37.45'	12°29.67'	1205	58°37.11'	12°28.08'	1	7	0203	Section South of FIA
83	78-08-29	0318	58°44.98'	12°30.15'	1195	58°44.30'	12°28.89'	1	7	0426	FIA
84 *	78-08-29	0546	58°52.94'	12°30.48'	1097	58°52.69'	12°30.00'	1	7	0646	└
85	78-08-30	1811	59°04.10'	12°38.60'	1100	59°03.70'	12°34.50'	9	46	0652	└
86 Q	78-08-31	2334	59°03.78'	12°21.97'	1060	59°02.99'	12°21.55'	1	6	0033	A
87	78-09-01	0153	59°03.90'	12°38.10'	1096	59°03.30'	12°37.58'	1	5	0246	B
88	78-09-01	0348	58°55.78'	12°37.79'	1113	58°55.61'	12°36.37'	1	5	0445	C
89	78-09-01	0549	58°55.96'	12°22.01'	1109	58°55.91'	12°21.35'	1	5	0646	D
90	78-09-01	0723	58°55.23'	12°20.61'	1102	58°54.44'	12°19.72'	1	5	0828	└
91	78-09-01	1222	58°55.03'	12°20.20'	1096	58°54.25'	12°19.69'	1	6	1316	Section North FIA to H2
92	78-09-01	1409	59°00.10'	12°19.93'	1104	58°59.89'	12°19.08'	1	7	1504	Along 12°20'
93	78-09-01	1605	59°05.03'	12°20.62'	1046	58°04.92'	12°19.44'	1	7	1656	└
94	78-09-01	1746	59°10.36'	12°20.37'	1108	58°10.33'	12°19.31'	1	8	1840	└
95	78-09-01	1925	59°15.04'	12°20.45'	1104	58°14.90'	12°19.44'	1	7	2019	└

* NO LISTING AVAILABLE Q QUESTIONABLE LISTING

CTD LOG FOR ATLANTIS-II - 102 LEG 2 (JASIN) (cont.)

STATION NO.	DATE (YR-MO-DA)	UTC TIME	START LAT.	START LONG.	PMAX	END LAT.	END LONG.	NO. CASTS	NO. ROSETTES	UTC END TIME	COMMENTS
96	78-09-01	2121	59°20.12'	12°19.83'	1090	59°19.47'	12°19.17'	1	7	2220	Section North FIA to H2
97	78-09-01	2331	59°23.64'	12°26.57'	1100	59°21.33'	12°19.84'	4	22	0604	Yo-Yo Wave Buoy
98	78-09-03	2005	59°25.76'	12°29.00'	1027	59°25.80'	12°27.56'	1	10	2119	H2
99	78-09-03	2250	59°19.95'	12°39.86'	1096	59°19.55'	12°39.48'	1	2	2359	Section South
100	78-09-04	0043	59°14.92'	12°40.07'	1100	59°14.62'	12°40.43'	1	5	0155	Along 12°40'
101	78-09-04	0236	59°09.28'	12°43.86'	1049	59°10.10'	12°41.02'	1	3	0333	
102	78-09-04	0419	59°05.01'	12°40.00'	1000	59°05.46'	12°41.03'	1	4	0522	No Data
103	78-09-04	0628	58°59.90'	12°39.24'	300	59°00.39'	12°39.17'	1	-	0656	Aborted Wire Failure

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20. ABSTRACT (Continue on reverse side if necessary and identify by block number) 102 profiles of conductivity, temperature, and depth (pressure) (CTD) were taken in the JASIN area northwest of Scotland in July-September 1978. These stations consisted of single and yo-yo profiles. The data set includes 14 stations taken near Anton Dohrn Seamount at 57°30'N, 11°W. Plotted profiles of temperature, salinity, sigma-theta, and buoyancy frequency, and a listing of the data, are included for most stations.		

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